



Forensic Biology Test No. 22-5705 Summary Report

Each participant received a sample pack consisting of two known bloodstains and two questioned stains which they were requested to analyze using their existing protocols. Data were returned from 736 participants and are compiled into the following tables:

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This report contains the data received from the participants in this test. Since these participants are located in many countries around the world, and it is their option how the samples are to be used (e.g., training exercise, known or blind proficiency testing, research and development of new techniques, etc.), the results compiled in the Summary Report are not intended to be an overview of the quality of work performed in the profession and cannot be interpreted as such. The Summary Comments are included for the benefit of participants to assist with maintaining or enhancing the quality of their results. These comments are not intended to reflect the general state of the art within the profession.

Participant results are reported using a randomly assigned "WebCode". This code maintains participant's anonymity, provides linking of the various report sections, and will change with every report.

Manufacturer's Information

Each sample pack consisted of two known bloodstains on FTA™ Micro cards (Items 1 & 2), and two questioned stains on clean, colored fabric (Item 3 & 4). Participants were requested to analyze these items using their existing protocols.

SAMPLE PREPARATION: The stains on Items 1, 2 and 4 were prepared using human whole blood which was either drawn into citric acid preservative bags or EDTA tubes. The stain in Item 3 was a mixture prepared from human whole blood and semen. The semen sample was first thawed and mixed 1:1 with TAE buffer, then mixed 1:1 with the blood. Item 1 (75 μ l) and Item 4 (50 μ l) were created using blood from a female donor. Item 2 (75 μ l) was created using blood from a male donor. Item 3 (50 μ l) was created using blood from a female donor different than the one used in Item 1 and semen from the male donor used in Item 2. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on September 8, 2022 following completion of the verification stage.

SAMPLE SET ASSEMBLY: For each sample set, all four Items (1-4) were packaged into separate envelopes and then placed together in a pre-labeled sample pack envelope and sealed. The sealed sample pack envelopes were then packaged in pre-labeled heat seal envelopes and sealed. This process was repeated until all of the sample sets were prepared.

VERIFICATION: All predistribution laboratories confirmed the manufacturer's expected associations. Consistent allelic results were reported for all STR and YSTR loci.

Manufacturer's Information, continued

| Amelogenin and STR Results | | | | | | |
|--|----------------|----------------|-----------------|-----------------|-------------------|----------------|
| <i>Results compiled from predistribution laboratories and a consensus of at least 10 participants.</i> | | | | | | |
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |
| 1 | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | * |
| | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NM | NM | NM | NM | |
| 2 | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | 11,12 |
| | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | 2 | |
| 3-Blood | 12,13 | 17,17 | 10,14 | 15,17 | 11,11 | * |
| | 12,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15,15 | X,X | 10,10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6,6 | 8,8 |
| | 16,17 | NM | NM | NM | NM | |
| 3-Semen | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | 11,12 |
| | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | 2 | |
| 4 | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | * |
| | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NM | NM | NM | NM | |

| YSTR Results | | | | | | | | | |
|--|-----------------|---------------|---------------|-----------------|------------------|---------------|---------------|---------------|----------------|
| <i>Results compiled from predistribution laboratories and a consensus of at least 10 participants.</i> | | | | | | | | | |
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 12 | 20 | 16 | 19 | 21 | 12 | 11 |
| 3-Semen | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 12 | 20 | 16 | 19 | 21 | 12 | 11 |

* Results were not received by a minimum of 10 participants for the loci indicated.

NM - Non-Male profile, YSTR results not expected.

Manufacturer's Information, continued

Mitochondrial DNA Sequencing Results

Nucleotide Ranges Tested

The nucleotide ranges provided below are the consensus results reported by 8 participants. The nucleotide ranges represent the range tested by a minimum of 75% of participants.

| <u>Item</u> | <u>HVR-II</u> | <u>HVR-I</u> |
|-------------|---------------|--------------------|
| 1 | 73-340 | 16024-16365 |
| 2 | 73-340 | 16024-16365 |
| 4 | 73-340 | 16024-16365 |

Deviations HVR-II, HVR-I

The base deviations presented here are the consensus of results reported by 8 participants. These results may not represent all base deviations reported by every participant due to the specific nucleotide ranges sequenced by individual participants. The base deviations represent those tested by a minimum of 75% of participants.

| | | | | | | | | | | | | |
|---------------|------|-------|-------|-------|-------|-------|---------|---------|---------|---------|---------|---------|
| | 73.0 | 146.0 | 153.0 | 235.0 | 263.0 | 315.1 | 16111.0 | 16223.0 | 16286.0 | 16290.0 | 16319.0 | 16362.0 |
| ITEM 1 | G | C | G | G | G | C | T | T | T | T | A | C |

| | | | | | | |
|---------------|------|-------|-------|-------|-------|---------|
| | 73.0 | 152.0 | 263.0 | 309.1 | 315.1 | 16224.0 |
| ITEM 2 | G | C | G | C | C | C |

| | | | | | | | | | | | | |
|---------------|------|-------|-------|-------|-------|-------|---------|---------|---------|---------|---------|---------|
| | 73.0 | 146.0 | 153.0 | 235.0 | 263.0 | 315.1 | 16111.0 | 16223.0 | 16286.0 | 16290.0 | 16319.0 | 16362.0 |
| ITEM 4 | G | C | G | G | G | C | T | T | T | T | A | C |

Summary Comments

The 22-5705 Forensic Biology test was designed to allow participants to assess their proficiency in the identification and comparison of dried stains by means of body fluid screening and/or DNA profiling. Participants were supplied with two "known" bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Item 1 and Item 4 were created using blood from a female donor. Item 2 was created using blood from a male donor. Item 3 was created using blood from a female donor different than the one used in Item 1 and semen from the male donor used in Item 2. (See Manufacturer's Information for preparation details)

Data were returned by 736 participants.

Screening Test Results:

Screening results for body fluids (blood, semen, saliva) were returned by a total of 617 participants. However, not all of these participants returned screening results for all fluids for both questioned items.

For Item 3, all participants reported "Positive" for the presence of blood. For the presence of semen, all participants reported "Positive." For the presence of saliva, all participants reported "Negative." For Human Origin screening, 166 participants reported "Positive" and one reported "Inconclusive." For Y-Screening, 153 participants reported "Positive" and one reported "Inconclusive."

For Item 4, all participants reported "Positive" for the presence of blood. For the presence of semen, one participant reported "Positive," 590 reported "Negative," and one reported "Inconclusive." For the presence of saliva, 143 participants reported "Negative" and one reported "Inconclusive." For Human Origin screening, all participants reported "Positive." For Y-Screening, eight participants reported "Positive," 140 reported "Negative," and one reported "Inconclusive."

DNA Analysis Results:

A total of 676 participants reported DNA results. One participant did not respond, fourteen selected the "No Interpretations" option individually for all interpretation questions, and twenty-one participants stated that the samples were analyzed for database purposes only.

For the Item 3 stain, the interpretation breakdown is as follows: all but eight participants excluded the victim (Item 1) as a possible contributor. These eight participants were "Inconclusive" as to whether the victim (Item 1) was a contributor. Of these participants, four stated in their additional comments that they obtained a likelihood ratio in the uninformative range, and three submitted only mitochondrial DNA results stating that their laboratory does not interpret DNA mixtures. Concerning the comparison of the suspect (Item 2) to the Item 3 stain, all but three participants included the suspect as a possible contributor. These three participants were "Inconclusive" as to whether the suspect was a possible contributor.

For the Item 4 stain, the interpretation breakdown is as follows: all participants included the victim (Item 1) as a possible contributor. All but six participants excluded the suspect (Item 2) as a possible contributor. These six participants were "Inconclusive" as to whether the suspect was a possible contributor; four of which stated in their additional comments that they obtained a likelihood ratio in the uninformative range.

A total of 332 participants reported the use of Probabilistic Genotyping (PG) software on either solely the questioned items or all four items. The majority of participants reporting the use of PG software stated in their additional comments that stutter peaks may be included in the DNA results. Based on the interpretations described above, these inconsistencies did not appear to affect participants' conclusions.

Key for Screening Tests Used

Participants were asked to use, where possible, the following chart of abbreviated screening test names. This was not an all inclusive list and was not designed to determine what tests should be performed. Participants were advised that tests not on this list may be used for screening.

| Test | Abbreviation |
|---------------------------------------|--------------|
| Acid Phosphatase | AP |
| Kastle Meyer | KM |
| Leucomalachite Green | LMG |
| Microscopic | Micro |
| Ortho-tolidine | O-tol |
| Phenolphthalein-Tetramethyl benzidine | PTMB |
| Prostate Specific Antigen | PSA |
| Quantiblot | QB |
| Quantifiler | QF |
| Tetramethyl benzidine | TMB |

Serology Screening Results

Indicate the results of any screening tests performed on the questioned stains (Items 3 & 4).

TABLE 1a

| WebCode | Blood Screening Results | |
|---------|-------------------------|--------------------|
| | Item 3 | Item 4 |
| 22CMKP | Pos KM | Pos KM |
| 22QWDX | Pos KM | Pos KM |
| 24MHAN | Pos PHT, IR | Pos PHT, IR |
| 26XQFW | Pos KM | Pos KM |
| 27AZ8E | Pos HemaTrace | Pos HemaTrace |
| 2DA92M | Pos KM, HemaTrace | Pos KM, HemaTrace |
| 2J2EXW | Pos LMG | Pos LMG |
| 2JVFBF | Pos HemaTrace | Pos HemaTrace |
| 2K2RMV | Pos KM | Pos KM |
| 2PZQAE | Pos Bluestar OBTI | Pos Bluestar OBTI |
| 2THXP2 | Pos KM | Pos KM |
| 2VMNUV | Pos KM | Pos KM |
| 2Z8HJN | Pos KM, HemaTrace | Pos KM, HemaTrace |
| 32YJXV | Pos KM | Pos KM |
| 374KGE | Pos LMG | Pos LMG |
| 376P6G | Pos KM | Pos KM |
| 39EQAN | Pos KM | Pos KM |
| 3A9ETJ | Pos KM, Hexagon | Pos KM, Hexagon |
| 3CZ8PT | Pos KM, HemaTrace | Pos KM, HemaTrace |
| 3D4BBH | Pos KM | Pos KM |
| 3DUU4H | Pos KM | Pos KM |
| 3JQ69F | Pos KM | Pos KM |
| 3K6RLN | Pos KM | Pos KM |
| 3L6QVP | Pos TMB | Pos TMB |
| 3LXF6J | Pos KM | Pos KM |
| 3MXJQ8 | Pos TMB | Pos TMB |
| 3PPYFN | Pos PTMB | Pos PTMB |
| 3QFA8G | Pos KM | Pos KM |
| 3QLD8M | Pos LMG | Pos LMG |
| 3QYYQW | Pos KM, HemDirect | Pos KM, HemDirect |
| 3RCK66 | Pos LMG, HemaTrace | Pos LMG, HemaTrace |
| 3RVBK6 | Pos KM | Pos KM |
| 3TZPBC | Pos KM | Pos KM |

TABLE 1a

| WebCode | Blood Screening Results | |
|---------|---------------------------------------|---------------------------------------|
| | Item 3 | Item 4 |
| 3VCWZ6 | Pos LMG, HemaTrace | Pos LMG, HemaTrace |
| 3YCXBZ | Pos HemDirect, O-tol, PPTH, red-brown | Pos HemDirect, O-tol, PPTH, red-brown |
| 3Z4WJ8 | Pos KM | Pos KM |
| 42QP8F | Pos KM | Pos KM, HemaTrace |
| 42T7UE | Pos KM | Pos KM |
| 43MUDA | Pos TMB, Takayama | Pos TMB, Takayama |
| 48DD48 | Pos KM | Pos KM |
| 49BZZP | Pos KM | Pos KM |
| 4AY48W | Pos O-tol | Pos O-tol |
| 4DHCDB | Pos ABA heme | Pos ABA heme |
| 4EV6EZ | Pos KM | Pos KM |
| 4J9Q2H | Pos ALS, TMB, LMG, RSID | Pos ALS, TMB, LMG, RSID |
| 4JNQG2 | Pos KM, HemaTrace | Pos KM, HemaTrace |
| 4JW49P | Pos KM, HemDirect | Pos KM, HemDirect |
| 4MG4EW | Pos O-tol, HemDirect | Pos O-tol, HemDirect |
| 4NKGJ7 | Pos KM, LMG, RSID | Pos KM, LMG, RSID |
| 4P4PZT | Pos KM | Pos KM |
| 4PDAHV | Pos KM + qRT-PCR | Pos KM + qRT-PCR |
| 4PX7QP | Pos KM, HemaTrace | Pos KM, HemaTrace |
| 4QRU9K | Pos KM, ABACard-HemaTrace | Pos KM, ABACard-HemaTrace |
| 4RJXTF | Pos KM | Pos KM |
| 4T2Q6B | Pos PTMB, HemDirect | Pos PTMB, HemDirect |
| 4UTXZ8 | Pos HemaTrace | Pos HemaTrace |
| 4VE2R9 | Pos KM | Pos KM |
| 4YECN9 | Pos KM | Pos KM |
| 4YKXLU | Pos TMB | Pos TMB |
| 4YU8ZV | Pos LMG | Pos LMG |
| 4Z2QG4 | Pos KM, Hemdirect | Pos KM, Hemdirect |
| 4Z4FJE | Pos KM | Pos KM |
| 4ZZT78 | Pos KM | Pos KM |
| 66KNEJ | Pos KM | Pos KM |
| 67BNYV | Pos KM, TMB | Pos KM, TMB |
| 686CGQ | Pos KM | Pos KM |
| 6A49QK | Pos KM, HemaTrace | Pos KM, HemaTrace |
| 6BGV9Y | Pos KM | Pos KM |

TABLE 1a

| WebCode | Blood Screening Results | |
|---------|-------------------------|-------------------------|
| | Item 3 | Item 4 |
| 6E42WA | Pos LMG, RSID-Blood | Pos LMG, RSID-Blood |
| 6E7NF9 | Pos KM | Pos KM |
| 6FA7VJ | Pos KM, Hemdirect | Pos KM, Hemdirect |
| 6FBD9R | Pos IR, TMB | Pos IR, TMB |
| 6GXK3H | Pos LMG, HemaTrace | Pos LMG, HemaTrace |
| 6HRDXZ | Pos KM | Pos KM |
| 6M4VEM | Pos KM | Pos KM |
| 6MRFLZ | Pos KM | Pos KM |
| 6NK44V | Pos KM, Hem | Pos KM, Hem |
| 6RM9GG | Pos KM | Pos KM |
| 6UZKRT | Pos O-tol, HemaTrace | Pos O-tol, HemaTrace |
| 6ZX3GX | Pos LMG | Pos LMG |
| 789PLJ | Pos TMB | Pos TMB |
| 78N2CC | Pos KM, LMG, HemaTrace | Pos KM, LMG, HemaTrace |
| 78NHGG | Pos Hemastix, HemaTrace | Pos Hemastix, HemaTrace |
| 7ATT4P | Pos KM | Pos KM |
| 7EKZLX | Pos KM | Pos KM |
| 7RHLKH | Pos KM, HemaTrace | Pos KM, HemaTrace |
| 7U89FW | Pos KM | Pos KM |
| 7ULLDM | Pos TMB | Pos TMB |
| 7UZYV6 | Pos KM | Pos KM, HemaTrace |
| 7YB8ZF | Pos TMB, LMG, RSID | Pos TMB, LMG, RSID |
| 838ZRP | Pos KM | Pos KM |
| 84M27D | Pos KM | Pos KM |
| 87VDME | Pos KM, HemaTrace | Pos KM, HemaTrace |
| 88MLHC | Pos KM | Pos KM |
| 8AV9HF | Pos KM, HemaTrace | Pos KM, HemaTrace |
| 8B4VPN | Pos KM | Pos KM |
| 8DR8QE | Pos KM | Pos KM |
| 8HHDPW | Pos KM | Pos KM |
| 8JUK44 | Pos LMG | Pos LMG |
| 8LKFC7 | Pos KM | Pos KM, HemaTrace |
| 8PC2BT | Pos PTMB | Pos PTMB, HemaTrace |
| 8PLLQB | Pos O-tol | Pos O-tol |
| 8PQKYW | Pos KM | Pos KM |

TABLE 1a

| WebCode | Blood Screening Results | |
|---------|---------------------------|---------------------------|
| | Item 3 | Item 4 |
| 8Q8F2R | Pos LMG | Pos LMG |
| 8QHLUM | Pos KM, HemaTrace | Pos KM, HemaTrace |
| 8TKWMB | Pos O-tol | Pos O-tol |
| 8UFFTJ | Pos KM | Pos KM |
| 8W2GBC | Pos KM | Pos KM |
| 8W6FRK | Pos KM, Hemdirect | Pos KM, Hemdirect |
| 8XGJHK | Pos LMG | Pos LMG |
| 8YHR3W | Pos KM | Pos KM |
| 93Q39Q | Pos LMG | Pos LMG |
| 988X3M | Pos KM | Pos KM |
| 98GL4U | Pos TMB | Pos TMB |
| 99JLQU | Pos O-tol | Pos O-tol |
| 9AJJH3 | Pos LMG | Pos LMG |
| 9B6Y6K | Pos TMB | Pos TMB |
| 9BY3K9 | Pos KM, HemaTrace | Pos KM, HemaTrace |
| 9EKDPK | Pos KM | Pos KM |
| 9EZW8W | Pos KM | Pos KM |
| 9G77QE | Pos KM, HemaTrace | Pos KM, HemaTrace |
| 9HDKNU | Pos KM | Pos KM |
| 9UUVGP | Pos KM, HEM | Pos KM, HEM |
| 9Y6EFD | Pos KM | Pos KM |
| A4FUHA | Pos KM | Pos KM |
| A6Y8LK | Pos LMG | Pos LMG |
| A8E7GV | Pos KM | Pos KM |
| A8JQ33 | Pos TMB, Takayama | Pos TMB, Takayama |
| AAJTVK | Pos KM | Pos KM |
| ACVX2Z | Pos KM, Hemdirect | Pos KM, Hemdirect |
| ADPN2N | Pos KM, Seratec HemDirect | Pos KM, Seratec HemDirect |
| ADT9TW | Pos KM | Pos KM |
| AEQXC7 | Pos KM | Pos KM |
| AETLV6 | Pos KM | Pos KM |
| AFLGHD | Pos LMG, HemaTrace | Pos LMG, HemaTrace |
| AH2776 | Pos TMB, Micro | Pos TMB, Micro |
| AKQZXK | Pos KM | Pos KM |
| AMG6PW | Pos KM | Pos KM |

TABLE 1a

| WebCode | Blood Screening Results | |
|---------|---------------------------|---------------------------|
| | Item 3 | Item 4 |
| AMQYR6 | Pos ABA Heme | Pos ABA Heme |
| AMTZXH | Pos KM | Pos KM |
| AMWKPQ | Pos KM, HemDirect | Pos KM, HemDirect |
| ANDJCP | Pos KM | Pos KM |
| ANQLYH | Pos TMB | Pos TMB |
| APHLXE | Pos KM, HemaTrace | Pos KM, HemaTrace |
| AQVYCG | Pos KM, HemDirect HB | Pos KM, HemDirect HB |
| AT9R3X | Pos KM | Pos KM |
| ATL2H6 | Pos KM | Pos KM |
| AX44VU | Pos KM | Pos KM |
| B2UPXN | Pos PTMB | Pos PTMB, HemaTrace |
| B3EGCT | Pos O-tol | Pos O-tol |
| B6MMW9 | Pos KM | Pos KM |
| B8BYXY | Pos KM, HemaTrace ABACard | Pos KM, HemaTrace ABACard |
| B8F9VR | Pos TMB | Pos TMB |
| B8VM6L | Pos TMB | Pos TMB |
| B8XCAJ | Pos TMB | Pos TMB |
| BKKKBQ | Pos TMB | Pos TMB |
| BNCZ9C | Pos ABACard | Pos ABACard |
| BQCBTZ | Pos KM | Pos KM |
| BR48HU | Pos O-tol | Pos O-tol |
| BUBTN8 | Pos KM | Pos KM |
| BUW9BP | Pos HemDirect | Pos HemDirect |
| BWY3ZU | Pos KM | Pos KM |
| BXM3UD | Pos ABA Heme | Pos ABA Heme |
| BY4QH6 | Pos KM | Pos KM |
| BYTUFY | Pos KM | Pos KM |
| BZQ6B2 | Pos KM | Pos KM |
| C3AV6Y | Pos RSID | Pos RSID |
| C4PF82 | Pos KM | Pos KM |
| C6M9DR | Pos TMB, HemaTrace | Pos TMB, HemaTrace |
| C7YULM | Pos KM, HemDirect | Pos KM, HemDirect |
| CATHAG | Pos KM | Pos KM |
| CB78GZ | Pos KM | Pos KM |
| CB927E | Pos KM, HemaTrace | Pos KM, HemaTrace |

TABLE 1a

| WebCode | Blood Screening Results | |
|---------|-------------------------|-----------------------|
| | Item 3 | Item 4 |
| CBM7RC | Pos KM | Pos KM |
| CCM9QB | Pos KM, HemaTrace | Pos KM, HemaTrace |
| CDVJ9J | Pos IR, TMB | Pos IR, TMB |
| CGQNVQ | Pos KM, TMB | Pos KM, TMB |
| CHNYRT | Pos | Pos |
| CKBXM3 | Pos LMG, HT | Pos LMG, HT |
| CKUL6X | Pos KM | Pos KM |
| CL7ZM7 | Pos KM, HemaTrace | Pos KM, HemaTrace |
| CLNBMT | Pos KM | Pos KM |
| CMHCQG | Pos KM | Pos KM |
| CTMDQB | Pos KM, HemaTrace | Pos KM, HemaTrace |
| CU2T9J | Pos TMB | Pos TMB |
| CU6WX9 | Pos KM | Pos KM |
| CVC4YP | Pos ABACard HemaTrace | Pos ABACard HemaTrace |
| CWC69E | Pos LMG | Pos LMG |
| CWVX2B | Pos KM, HemaTrace | Pos KM, HemaTrace |
| D2ERU3 | Pos LMG, HemaTrace | Pos LMG, HemaTrace |
| D2GABX | Pos KM | Pos KM |
| D83XJ4 | Pos KM | Pos KM |
| D84JJP | Pos TMB | Pos TMB |
| D9ZLA9 | Pos LMG, HT | Pos LMG, HT |
| DAEJNW | Pos LMG | Pos LMG |
| DCVX36 | Pos KM | Pos KM |
| DDVLTG | Pos TMB | Pos TMB |
| DETFNL | Pos KM | Pos KM |
| DF4DZH | Pos KM, HemaTrace | Pos KM, HemaTrace |
| DJKEK4 | Pos PTMB | Pos PTMB |
| DJYG84 | Pos LMG | Pos LMG |
| DLPYMP | Pos TMB | Pos TMB |
| DRTVGM | Pos TMB | Pos TMB |
| DRVKLK | Pos LMG | Pos LMG |
| DTPA4F | Pos TMB | Pos TMB |
| DWK88D | Pos KM | Pos KM |
| DY4BPH | Pos KM | Pos KM |
| DY4F37 | Pos O-tol | Pos O-tol |

TABLE 1a

| WebCode | Blood Screening Results | |
|---------|-------------------------|---------------------|
| | Item 3 | Item 4 |
| DYEQDK | Pos KM & HemDirect | Pos KM & HemDirect |
| E3VU2M | Pos KM, Hemdirect | Pos KM, Hemdirect |
| E4ELHC | Pos KM | Pos KM |
| E4EQVZ | Pos KM | Pos KM |
| E7YM2D | Pos LMG | Pos LMG |
| E9Q7CY | Pos KM | Pos KM |
| EA4A4A | Pos IR, PHT | Pos IR, PHT |
| ECJXWT | Pos KM | Pos KM |
| EE2VUD | Pos TMB | Pos TMB |
| EEMPTM | Pos KM, HemaTrace | Pos KM, HemaTrace |
| EFUHKV | Pos PTMB | Pos PTMB |
| EHGAED | Pos LMG | Pos LMG |
| EJ9PTA | Pos LMG, HemaTrace | Pos LMG, HemaTrace |
| EKC3WV | Pos KM | Pos KM |
| EP2BWB | Pos KM | Pos KM |
| EPJCP6 | Pos TMB | Pos TMB |
| EPN7NJ | Pos PTMB, RSID | Pos PTMB |
| EQJKFH | Pos LMG | Pos LMG |
| EQV3WN | Pos LMG | Pos LMG |
| ERDGJH | Pos KM | Pos KM |
| ETGMQ7 | Pos O-tol | Pos O-tol |
| ETMGKJ | Pos PTMB, HemaTrace | Pos PTMB, HemaTrace |
| ETMHNP | Pos KM | Pos KM |
| EU4M8N | Pos KM | Pos KM |
| EUE2AH | Pos KM, HEM | Pos KM, HEM |
| EUZZUG | Pos KM, HemaTrace | Pos KM, HemaTrace |
| EZ6VL4 | Pos KM | Pos KM |
| EZ7RP8 | Pos KM, HemDirect | Pos KM, HemDirect |
| EZ8Y4F | Pos TMB | Pos TMB |
| F2TCWH | Pos TMB | Pos TMB |
| F4CFEM | Pos O-tol | Pos O-tol |
| F8KVHR | Pos KM | Pos KM |
| F8MKK4 | Pos KM | Pos KM |
| F9FG6Q | Pos KM | Pos KM |
| FB6UZF | Pos Hemochromogen | Pos Hemochromogen |

TABLE 1a

| WebCode | Blood Screening Results | |
|---------|--------------------------------------|--------------------------------------|
| | Item 3 | Item 4 |
| FF6W8V | Pos KM | Pos KM |
| FF9JK3 | Pos O-tol | Pos O-tol |
| FFCDTU | Pos KM | Pos KM |
| FJQML7 | Pos KM, HemaTrace | Pos KM, HemaTrace |
| FKXFEE | Pos KM | Pos KM |
| FL2C6H | Pos TMB | Pos TMB |
| FMPV3A | Pos KM | Pos KM |
| FNWFJH | Pos KM | Pos KM |
| FQ48J7 | Pos KM | Pos KM |
| FU4HE7 | Pos KM, RSID | Pos KM, RSID |
| FXBYAA | Pos ABA Heme Card | Pos ABA Heme Card |
| FZ3MRA | Pos KM, HemDirect | Pos KM, HemDirect |
| FZM2KT | Pos KM, Hemdirect | Pos KM, Hemdirect |
| G8HL2E | Pos PTMB, HemaTrace | Pos PTMB, HemaTrace |
| GACPA2 | Pos LMG | Pos LMG |
| GB4RUW | Pos KM | Pos KM |
| GBDXG7 | Pos TMB | Pos TMB |
| GC2GEX | Pos ABA heme | Pos ABA heme |
| GD6D8M | Pos Luminol, Infrared (IR) Light, KM | Pos Luminol, Infrared (IR) Light, KM |
| GDJ9P4 | Pos KM | Pos KM |
| GEY2PH | Pos KM, HemaTrace | Pos KM, HemaTrace |
| GF7ZPC | Pos TMB | Pos TMB |
| GLCQU4 | Pos KM | Pos KM |
| GLM49U | Pos KM, ABACard | Pos KM, ABACard |
| GT9Y9X | Pos Peroxydase, Hemoglobin | Pos Peroxydase, Hemoglobin |
| GTT6WA | Pos KM, HemaTrace | Pos KM, HemaTrace |
| GUV6LU | Pos LMG | Pos LMG |
| GVMTF6 | Pos KM | Pos KM |
| GVWWWA | Pos KM, qRT-PCR | Pos KM, qRT-PCR |
| GZ2WGL | Pos TMB(Hemastix), HemaTrace | Pos TMB(Hemastix), HemaTrace |
| H3WT2R | Pos KM, HemaTrace | Pos KM, HemaTrace |
| HCECDB | Pos KM | Pos KM |
| HCKN8L | Pos KM | Pos KM |
| HDLREW | Pos KM | Pos KM |
| HE9ZV7 | Pos KM | Pos KM |

TABLE 1a

| WebCode | Blood Screening Results | |
|---------|--------------------------|--------------------------|
| | Item 3 | Item 4 |
| HEL3RZ | Pos LMG | Pos LMG |
| HEM4CX | Pos LMG, HemaTrace | Pos LMG, HemaTrace |
| HH6K3B | Pos KM | Pos KM |
| HH8G4U | Pos KM | Pos KM |
| HHDNLB | Pos KM, HemaTrace | Pos KM, HemaTrace |
| HHLF9X | Pos LMG | Pos LMG |
| HHQF7X | Pos KM; HemaTrace | Pos KM; HemaTrace |
| HJ26MP | Pos Anti-hemoglobin test | Pos Anti-hemoglobin test |
| HJ4XDB | Pos TMB | Pos TMB |
| HJQ3CC | Pos TMB | Pos TMB |
| HKH3B9 | Pos KM, HemaTrace | Pos KM, HemaTrace |
| HN9T3C | Pos KM | Pos KM |
| HNJUEK | Pos TMB, HemaTrace | Pos TMB, HemaTrace |
| HNV4AK | Pos LMG | Pos LMG |
| HRH7C6 | Pos KM, HemaTrace | Pos KM, HemaTrace |
| HV8WWV | Pos TMB | Pos TMB |
| HYFCWT | Pos LMG, | Pos LMG, |
| HZMQ6U | Pos KM | Pos KM |
| J2DN2M | Pos KM | Pos KM |
| J2ZJWG | Pos TMB | Pos TMB |
| J3LNTR | Pos KM | Pos KM |
| J843QU | Pos KM | Pos KM |
| JB4PJ3 | Pos KM | Pos KM |
| JCHQLA | Pos KM | Pos KM |
| JEQD9A | Pos TMB | Pos TMB |
| JFJ74T | Pos LMG | Pos LMG |
| JG67NG | Pos O-tol | Pos O-tol |
| JJDGL7 | Pos KM | Pos KM |
| JNBA32 | Pos KM | Pos KM |
| JNFMNC | Pos KM, HemaTrace | Pos KM, HemaTrace |
| JQ2B74 | Pos KM, HemDirect | Pos KM, HemDirect |
| JQPHLM | Pos KM | Pos KM |
| JRCPHY | Pos KM | Pos KM |
| JUUF3 | Pos LMG, HT | Pos LMG, HT |
| JVG2BY | Pos KM | Pos KM |

TABLE 1a

| WebCode | Blood Screening Results | |
|---------|------------------------------|------------------------------|
| | Item 3 | Item 4 |
| JW8ZRH | Pos KM | Pos KM |
| JXFTBD | Pos KM | Pos KM |
| JXRYJV | Pos KM | Pos KM |
| K3PB7Z | Pos O-tol | Pos O-tol |
| K4YDXQ | Pos KM | Pos KM, HemaTrace |
| K6EMXH | Pos TMB | Pos TMB |
| K77PFR | Pos KM | Pos KM, HemaTrace |
| K8LGV9 | Pos KM, HemaTrace | Pos KM, HemaTrace |
| K8N4E8 | Pos PTMB | Pos PTMB, RSID |
| K9KY4K | Pos KM | Pos KM |
| K9U43G | Pos O-tol | Pos O-tol |
| KBC43B | Pos KM | Pos KM |
| KCRQV6 | Pos KM | Pos KM |
| KHMHCV | Pos KM, HemaTrace | Pos KM, HemaTrace |
| KHXJNE | Pos KM | Pos KM |
| KK4EER | Pos RSID (Bluestar OBTI) | Pos RSID (Bluestar OBTI) |
| KKKYGV | Pos KM | Pos KM |
| KREF6D | Pos LMG | Pos LMG |
| KTE7VU | Pos KM | Pos KM |
| KVLZJL | Pos | Pos |
| KXQNYC | Pos O-tol, Seratec HemDirect | Pos O-tol, Seratec HemDirect |
| KZC2FL | Pos KM | Pos KM |
| L27K3T | Pos RSID-Blood | Pos RSID-Blood |
| L8LAB6 | Pos ABACard HemaTrace | Pos ABACard HemaTrace |
| L8U3HP | Pos KM | Pos KM |
| L8VEFY | Pos KM Test | Pos KM Test |
| L9Y7Z7 | Pos PTMB | Pos PTMB, RSID |
| LA37P7 | Pos KM, Hemdirect | Pos KM, Hemdirect |
| LAJ8F3 | Pos LMG, ABA HemaTrace | Pos LMG, ABA HemaTrace |
| LBK3Z | Pos KM, HemaTrace | Pos KM, HemaTrace |
| LCBXPT | Pos TMB, Hemachromagen | Pos TMB, Hemachromagen |
| LCV3BJ | Pos KM | Pos KM |
| LDR92K | Pos KM, HemDirect | Pos KM, HemDirect |
| LE3CDN | Pos KM | Pos KM |
| LE4C9H | Pos KM, Luminol | Pos KM, Luminol |

TABLE 1a

| WebCode | Blood Screening Results | |
|---------|---------------------------|---------------------------|
| | Item 3 | Item 4 |
| LED7PR | Pos KM | Pos KM |
| LFWZRD | Pos KM, Hem | Pos KM, Hem |
| LJRWAC | Pos KM, Seratec HemDirect | Pos KM, Seratec HemDirect |
| LK2E6W | Pos KM | Pos KM |
| LK6LHV | Pos KM | Pos KM |
| LKJK78 | Pos KM | Pos KM |
| LKPJWC | Pos PH, HemaTrace | Pos PH, HemaTrace |
| LLXP67 | Pos KM | Pos KM |
| LMFCXR | Pos KM | Pos KM |
| LML3AN | Pos KM | Pos KM |
| LNF8ZV | Pos KM, LMG, HemaTrace | Pos KM, LMG, HemaTrace |
| LP4CVG | Pos KM | Pos KM |
| LPCKMN | Pos KM | Pos KM |
| LPE87M | Pos PTN, HemaTrace | NT |
| LR2WHN | Pos KM, LMG, RSID | Pos KM, LMG, RSID |
| LTY8AA | Pos KM, HemaTrace | Pos KM, HemaTrace |
| LW36EP | Pos KM | Pos KM |
| M2PXQB | Pos IR, TMB | Pos IR, TMB |
| M68WY4 | Pos KM, HemaTrace | Pos KM, HemaTrace |
| M6NALB | Pos TMB, PHT, IR | Pos TMB, PHT, IR |
| M79KMA | Pos LMG | Pos LMG |
| M88K9T | Pos KM | Pos KM |
| MAHRM3 | Pos LMG, HT | Pos LMG, HT |
| MDYTKZ | Pos PHT (Phenolphthalein) | Pos PHT (Phenolphthalein) |
| ME9784 | Pos LMG | Pos LMG |
| MEZQQ9 | Pos TMB | Pos TMB |
| MFBM4Z | Pos KM, HemaTrace | Pos KM, HemaTrace |
| MHRR8H | Pos KM | Pos KM |
| MK7HLY | Pos KM, HemDirect | Pos KM, HemDirect |
| MK7L8N | Pos LMG | Pos LMG |
| MPD4E3 | Pos KM, HemDirect | Pos KM, HemDirect |
| MPG9WF | Pos LMG | Pos LMG |
| MRME7Z | Pos KM, HemaTrace | Pos KM, HemaTrace |
| MU9ZW3 | Pos KM | Pos KM |
| MWRM6B | Pos KM | Pos KM |

TABLE 1a

| WebCode | Blood Screening Results | |
|---------|-------------------------|-------------------------|
| | Item 3 | Item 4 |
| MYJQ6X | Pos KM, HemaTrace | Pos KM, HemaTrace |
| MZANPW | Pos KM | Pos KM |
| N6MR8C | Pos TMB | Pos TMB |
| N79W6N | Pos KM | Pos KM, HemaTrace |
| N87Z36 | Pos LMG, HemaTrace | Pos LMG, HemaTrace |
| NBMFF4 | Pos KM, IR | Pos KM, IR |
| NCY6TN | Pos KM | Pos KM |
| ND22T6 | Pos KM, HemaTrace | Pos KM, HemaTrace |
| NHPCHN | Pos KM | Pos KM |
| NMGLJA | Pos KM | Pos KM |
| NMKBN8 | Pos KM | Pos KM |
| NMWJGM | NT | Pos KM |
| NPKVHD | Pos BLUESTAR (Luminol) | Pos BLUESTAR (Luminol) |
| NPM4NX | Pos KM, HemaTrace | Pos KM, HemaTrace |
| NTRJMN | Pos LMG | Pos LMG |
| NVMPZE | Pos Hemastix, HemaTrace | Pos Hemastix, HemaTrace |
| NW8ZRM | Pos KM | Pos KM |
| NWJ7JG | Pos KM | Pos KM |
| NWWUD4 | Pos KM, HemaTrace | Pos KM, HemaTrace |
| NXP2M2 | Pos KM, HemaTrace | Pos KM, HemaTrace |
| P22C94 | Pos TMB | Pos TMB |
| P4Y4R2 | Pos KM, rtPCR | Pos KM, rtPCR |
| P78TYY | Pos LMG, HemaTrace | Pos LMG, HemaTrace |
| P7YHXD | Pos KM | Pos KM |
| PA762Q | Pos KM, ABACard | Pos KM, ABACard |
| PB9P76 | Pos KM, HemaTrace | Pos KM, HemaTrace |
| PCWWZV | Pos KM | Pos KM |
| PE6Q3M | Pos O-tol | Pos O-tol |
| PJ2J73 | Pos TMB | Pos TMB |
| PJXU37 | Pos TMB | Pos TMB |
| PLK23N | Pos KM | Pos KM |
| PLNV9U | Pos KM | Pos KM |
| PMTCUK | Pos LMG, RSID-Blood | Pos LMG, RSID-Blood |
| PMZV33 | Pos IR, TMB | Pos IR, TMB |
| PT6QR6 | Pos KM | Pos KM |

TABLE 1a

| WebCode | Blood Screening Results | |
|---------|--------------------------------|--------------------------------|
| | Item 3 | Item 4 |
| PTGKAP | Pos KM | Pos KM |
| PTNHX9 | Pos KM, HemDirect | Pos KM, HemDirect |
| PUFJW6 | Pos TMB | Pos TMB |
| PVB78M | Pos KM | Pos KM |
| PVQAX9 | Pos Kastle Meyer | Pos Kastle Meyer |
| PXWXBD | Pos O-tol | Pos O-tol |
| PZRXL2 | Pos PTMB | Pos PTMB, HemaTrace |
| Q2CQXP | Pos PTMB, HemDirect | Pos PTMB, HemDirect |
| Q62GJ9 | Pos PTMB, HemaTrace | Pos PTMB, HemaTrace |
| Q7UHC4 | Pos KM | Pos KM |
| Q7YJE6 | Pos KM | Pos KM |
| QBXH2N | Pos RPT, HemaTrace | Pos RPT, HemaTrace |
| QDG9WD | Pos KM | Pos KM |
| QEQZ49 | Pos LMG | Pos LMG |
| QFAVU2 | Pos KM | Pos KM |
| QFHV4Y | Pos INMUNOCHROMATOGRAPHIC TEST | Pos INMUNOCHROMATOGRAPHIC TEST |
| QHGL9Q | Pos KM, HemaTrace | Pos KM, HemaTrace |
| QHMZT6 | Pos KM, Hemdirect | Pos KM, Hemdirect |
| QHXGQX | Pos PHT | Pos PHT |
| QHZ4AW | Pos KM, HemaTrace | Pos KM, HemaTrace |
| QJDM7M | Pos KM | Pos KM |
| QJHKTB | Pos KM | Pos KM |
| QK23DA | Pos O-tol, RSID-HemaTrace | Pos O-tol |
| QKR69T | Pos TMB | Pos TMB |
| QQ8DBP | Pos LMG, RSID-Blood | Pos LMG, RSID-Blood |
| QTYTYK | Pos KM | Pos KM |
| QWWELG | Pos KM, HemaTrace | Pos KM, HemaTrace |
| QYDQ36 | Pos KM | Pos KM |
| QYR887 | Pos KM | Pos KM |
| QZ7RXV | Pos KM, HemaTrace | Pos KM, HemaTrace |
| QZWK6T | Pos Human Hb | Pos Human Hb |
| R2TUZ2 | Pos KM | Pos KM |
| R39J8W | Pos KM, HemaTrace | Pos KM, HemaTrace |
| R4YPQE | Pos LMG | Pos LMG |
| R6TDAA | Pos TMB | Pos TMB |

TABLE 1a

| WebCode | Blood Screening Results | |
|---------|-------------------------|----------------------|
| | Item 3 | Item 4 |
| R6UTEZ | Pos KM, HemaTrace | Pos KM, HemaTrace |
| R7PD2Y | Pos KM, HemDirect | Pos KM, HemDirect |
| R9RN6A | Pos TMB | Pos TMB |
| RCUBUC | Pos TMB | Pos TMB |
| RDLBP3 | Pos KM | Pos KM |
| RDNYC8 | Pos PTMB, RSID | Pos PTMB |
| RFA4P7 | Pos TMB | Pos TMB |
| RJKAX8 | Pos KM | Pos KM |
| RKRUJM | Pos KM | Pos KM |
| RLHK6L | Pos PTMB, HemDirect | Pos PTMB, HemDirect |
| RN27RW | Pos LMG, HT | Pos LMG, HT |
| RNXQCB | Pos KM, TMB | Pos KM, TMB |
| RWFKK8 | Pos KM + qRT-PCR | Pos KM + qRT-PCR |
| RWZZAA | Pos TMB | Pos TMB |
| RXL67L | Pos KM | Pos KM |
| RXNUBJ | Pos O-tol | Pos O-tol |
| RXZLZ2 | Pos PTMB, HemaTrace | Pos PTMB, HemaTrace |
| RZPCH7 | Pos O-tol, HemDirect | Pos O-tol, HemDirect |
| RZY7G7 | Pos KM, Seratec HEM | Pos KM, Seratec HEM |
| T4J99C | Pos TMB | Pos TMB |
| T4TQ3V | Pos ABA Heme | Pos ABA Heme |
| T6EMYB | Pos KM | Pos KM |
| TBFB4V | Pos KM, Hemdirect | Pos KM, Hemdirect |
| TBWUZA | Pos TMB | Pos TMB |
| TCJER7 | Pos KM | Pos KM |
| TEQB4H | Pos KM | Pos KM |
| TEZ4CH | Pos RSID Blood | Pos RSID Blood |
| TFMNQA | Pos KM | Pos KM |
| TFQPRG | Pos KM, HemaTrace | Pos KM, HemaTrace |
| THPAAL | Pos KM | Pos KM |
| THY9YA | Pos IR, Luminol, KM | Pos IR, Luminol, KM |
| TJ7AJ3 | Pos TMB | Pos TMB |
| TKDLBC | Pos KM | Pos KM |
| TLQD29 | Pos O-tol, HemaTrace | Pos O-tol, HemaTrace |
| TLXMLZ | Pos KM, HemaTrace | Pos KM, HemaTrace |

TABLE 1a

| WebCode | Blood Screening Results | |
|---------|-------------------------------|-------------------------------|
| | Item 3 | Item 4 |
| TLYB96 | Pos LMG | Pos LMG |
| TMN6Q2 | Pos TMB | Pos TMB |
| TMQKU7 | Pos KM, HEM | Pos KM, HEM |
| TNFHXL | Pos KM | Pos KM |
| TR8P23 | Pos KM | Pos KM |
| TTHN2C | Pos KM | Pos KM |
| TTREQ3 | Pos TMB | Pos TMB |
| TUOCK9 | Pos KM, Seratec | Pos KM, Seratec |
| TWEXV7 | Pos TMB | Pos TMB |
| TZL8G3 | Pos KM, HemaTrace | Pos |
| U2XP9R | Pos KM | Pos KM |
| U6FRDC | Pos KM | Pos KM |
| U7VL6T | Pos LMG, HT | Pos LMG, HT |
| UBN9TR | Pos KM | Pos KM, HemaTrace |
| UCJ4KP | Pos LMG | Pos LMG |
| UD2Q3P | Pos KM | Pos KM |
| UH9EHC | Pos LMG | Pos LMG |
| UKATY6 | Pos O-tol, Seratec PMB | Pos O-tol, Seratec PMB |
| ULE7Z7 | Pos TMB (Hemastix), HemaTrace | Pos TMB (Hemastix), HemaTrace |
| ULTRBT | Pos KM | Pos KM |
| UMXQHA | Pos O-tol | Pos O-tol |
| UQ2M33 | Pos LMG | Pos LMG |
| URF2L7 | Pos TMB | Pos TMB |
| UTN68G | Pos HemaTrace | Pos HemaTrace |
| UXUYN6 | Pos KM | Pos KM |
| UYRJX8 | Pos KM, TMB | Pos KM, TMB |
| UZ2CKY | Pos KM | Pos KM |
| V2F6AZ | Pos IR, TMB | Pos IR, TMB |
| V2UW2Q | Pos LMG, HemaTrace | Pos LMG, HemaTrace |
| V3P8PJ | Pos KM | Pos KM |
| V6PGE2 | Pos KM; HemaTrace | Pos KM; HemaTrace |
| V84KP7 | Pos O-tol | Pos O-tol, HemaTrace |
| V8GE8R | Pos KM | Pos KM |
| V8QH6X | Pos KM | Pos KM |
| V9ZAXU | Pos PHT | Pos PHT |

TABLE 1a

| WebCode | Blood Screening Results | |
|---------|-------------------------------|-------------------------------|
| | Item 3 | Item 4 |
| VAUC6N | Pos KM | Pos KM |
| VAXZ7E | Pos TMB (Hemastix); HemaTrace | Pos TMB (Hemastix); HemaTrace |
| VBHPDM | Pos LMG | Pos LMG |
| VCKBL8 | Pos KM, Hemdirect | Pos KM, Hemdirect |
| VG7K7E | Pos KM | Pos KM |
| VG9VVV | Pos KM | Pos KM |
| VJKULH | Pos KM | Pos KM |
| VLBT32 | Pos O-tol | Pos O-tol |
| VP3VDA | Pos KM, HemaTrace | Pos KM, HemaTrace |
| VP6GDV | Pos IR, PHT | Pos IR, PHT |
| VRTZAM | Pos HemaTrace | Pos HemaTrace |
| VYHW8W | Pos LMG | Pos LMG |
| W6BQ9B | Pos KM | Pos KM |
| W6CWW3 | Pos TMB | Pos TMB |
| W7KVLY | Pos Kastle Meyer | Pos Kastle Meyer |
| W94F98 | Pos KM | Pos KM |
| W9KEHY | Pos KM | Pos KM |
| WAU2TU | Pos HemDirect (SERATEC) | Pos HemDirect (SERATEC) |
| WK8TBZ | Pos KM | Pos KM |
| WLWBQF | Pos KM | Pos KM |
| WMNXEH | Pos KM | Pos KM |
| WN9FTP | Pos KM, HemaTrace | Pos KM, HemaTrace |
| WTYRNL | Pos TMB | Pos TMB |
| WXG9JQ | Pos KM, HemaTrace | Pos KM, HemaTrace |
| WXVBVL | Pos KM | Pos KM |
| WXX4QD | Pos TMB | Pos TMB |
| X3NVBF | Pos Takayama, TMB | Pos Takayama, TMB |
| X3YW3F | Pos KM | Pos KM |
| X4YKUR | Pos TMB | Pos TMB |
| X6NGY7 | Pos KM, TMB | Pos KM, TMB |
| X7HTPK | Pos KM | Pos KM |
| X7M4RJ | Pos KM, HemaTrace | Pos KM, HemaTrace |
| X7XALY | Pos KM | Pos KM |
| X8VKH2 | Pos KM | Pos KM |
| X93CGP | Pos KM | Pos KM |

TABLE 1a

| WebCode | Blood Screening Results | |
|---------|---------------------------|---------------------------|
| | Item 3 | Item 4 |
| XAA634 | Pos KM | Pos KM |
| XAFCQJ | Pos KM | Pos KM |
| XC8ZZL | Pos LMG | Pos LMG |
| XCRE24 | Pos KM | Pos KM |
| XDUAJE | Pos KM | Pos KM |
| XFBW4F | Pos KM | Pos KM |
| XG3R9H | Pos KM | Pos KM |
| XG6MDH | Pos KM, HemaTrace | Pos KM, HemaTrace |
| XMG32C | Pos KM | Pos KM |
| XPDUUJ | Pos KM | Pos KM |
| XQT7RE | Pos KM | Pos KM |
| XUD3BX | Pos KM | Pos KM |
| XUDTQT | Pos PTMB, HemaTrace | Pos PTMB, HemaTrace |
| XWZEEA | Pos LMG, HemaTrace | Pos LMG, HemaTrace |
| XYK2JC | Pos KM, LMG, RSID | Pos KM, LMG, RSID |
| XZ2H6B | Pos LMG, HemaTrace | Pos LMG, HemaTrace |
| XZ3JYA | Pos KM | Pos KM |
| Y2J9AM | Pos KM | Pos KM |
| Y33JNG | Pos KM, HemaTrace | Pos KM, HemaTrace |
| Y4NYAB | Pos RSID | Pos RSID |
| Y6LQJG | Pos Heme | Pos Heme |
| YAG2FV | Pos KM | Pos KM |
| YAJ6DX | Pos TMB | Pos TMB |
| YCDA6Q | Pos KM | Pos KM |
| YCPKQV | Pos TMB | Pos TMB |
| YFATCV | Pos KM, HemaTrace | Pos KM, HemaTrace |
| YLF2J7 | Pos LMG | Pos LMG |
| YLX9HP | Pos KM, HemaTrace | Pos KM, HemaTrace |
| YQZHFN | Pos KM | Pos KM |
| YRTM24 | Pos KM, TMB | Pos KM, TMB |
| YVHKL9 | Pos TMB, PHTH, Precipitin | Pos TMB, PHTH, Precipitin |
| YZAVLY | Pos TMB | Pos TMB |
| Z2273J | Pos KM | Pos KM |
| Z3XJVD | Pos KM, HemaTrace | Pos KM, HemaTrace |
| Z4CEMH | Pos KM | Pos KM |

TABLE 1a

| WebCode | Blood Screening Results | |
|---------|-------------------------|----------------------|
| | Item 3 | Item 4 |
| Z98PJW | Pos TMB | Pos TMB |
| ZBQT23 | Pos O-tol, HemaTrace | Pos O-tol, HemaTrace |
| ZCABGZ | Pos KM, HemDirect | Pos KM, HemDirect |
| ZD9RYC | Pos KM, HemaTrace | Pos KM, HemaTrace |
| ZEAWXZ | Pos TMB | Pos TMB |
| ZG7NEX | Pos PTMB | Pos PTMB |
| ZGXEVQ | Pos KM | Pos KM |
| ZGXKEN | Pos KM, HemaTrace | Pos KM, HemaTrace |
| ZMD4B2 | Pos HemDirect | Pos HemDirect |
| ZP273F | Pos LMG, HemaTrace | Pos LMG, HemaTrace |
| ZRWMWM | Pos KM | Pos KM |
| ZVAVXM | Pos KM | Pos KM |
| ZWLABH | Pos LMG | Pos LMG |
| ZX237Q | Pos IR, PHT | Pos IR, PHT |
| ZXK8PJ | Pos LMG | Pos LMG |

| Table 1a: Serology Screening Response Summary - Blood | | Participants: 608 | |
|--|------------|-------------------|--|
| This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4. | | | |
| | Item 3 | Item 4 | |
| Positive | 607 | 607 | |
| Negative | 0 | 0 | |
| Inconclusive | 0 | 0 | |
| Not Tested (NT) | 1 | 1 | |
| Not Reported | 0 | 0 | |

Serology Screening Results

Indicate the results of any screening tests performed on the questioned stains (Items 3 & 4).

TABLE 1b

| WebCode | Semen Screening Results | |
|---------|-------------------------|-------------------------|
| | Item 3 | Item 4 |
| 22CMKP | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| 22QWDX | Pos ALS, AP, Micro | Neg ALS, AP |
| 24MHAN | Pos AP, ALS, Micro | Neg AP, ALS |
| 26XQFW | Pos AP, Micro | Neg AP |
| 27AZ8E | Pos AP, Micro | Neg AP |
| 2DA92M | Pos AP, PSA, Micro | Neg AP |
| 2J2EXW | Pos ALS, AP, PSA, Micro | Neg ALS, AP |
| 2JVFB E | Pos AP, Micro | Neg AP |
| 2K2RMV | Pos AP, Micro, PSA | Neg AP, Micro, PSA |
| 2PZQAE | Pos AP, ABACard, Micro | Neg AP, ABACard, Micro |
| 2THXP2 | Pos AP | Neg AP |
| 2VMNUV | Pos AP, PSA, Micro | Neg AP |
| 2Z8HJN | Pos AP, Micro, PSA | Neg AP |
| 374KGE | Pos PSA | Neg PSA |
| 376P6G | Pos AP, Micro | Neg AP, Micro |
| 39EQAN | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| 3A9ETJ | Pos ACP, PSA, Micro | Neg ACP |
| 3CZ8PT | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| 3D4BBH | Pos ALS, AP, Micro, PSA | Neg ALS, AP, Micro, PSA |
| 3DUU4H | Pos AP | Neg AP |
| 3JQ69F | Pos AP, Micro | Neg AP, Micro |
| 3K6RLN | Pos AP, PSA, Micro, ALS | Neg AP, PSA, Micro, ALS |
| 3L6QVP | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| 3LXF6J | Pos AP, Micro | Neg AP, Micro |
| 3MXJQ8 | Pos ALS, AP, Micro, PSA | Neg ALS, AP, Micro |
| 3PPYFN | Pos AP, PSA, Micro | Neg AP |
| 3QFA8G | Pos AP | Neg AP |
| 3QLD8M | Pos AP, Micro | Neg AP |
| 3QYYQW | Pos AP, Micro | Neg AP |
| 3RCK66 | Pos AP, Micro | Neg AP, Micro |
| 3RVBK6 | Pos ALS, AP, Micro | Neg ALS, AP |
| 3TZPBC | Pos AP, Micro | Neg AP |

TABLE 1b

| WebCode | Semen Screening Results | |
|---------|--------------------------|--------------------------|
| | Item 3 | Item 4 |
| 3VCWZ6 | Pos AP, Micro, PSA | Neg AP, Micro, PSA |
| 3YCXBZ | Pos AP, Micro, ALS | Neg AP, Micro, ALS |
| 3Z4WJ8 | Pos AP | Neg AP |
| 42QP8F | Pos AP, Micro, p30 | Neg AP, Micro |
| 42T7UE | Pos AP | Neg AP |
| 43MUDA | Pos AP, Micro | Neg AP |
| 48DD48 | Pos PSA, Micro | Neg PSA, Micro |
| 49BZZP | Pos AP | Neg AP |
| 4AY48W | Pos AP | Neg AP |
| 4DHCDB | Pos RSID Semen | Neg RSID Semen |
| 4EV6EZ | Pos AP | Neg AP |
| 4HTQ73 | Pos AP | Neg AP |
| 4J9Q2H | Pos ALS, Micro, AP, RSID | Neg ALS, Micro, AP, RSID |
| 4JNQG2 | Pos ALS, AP, Micro , PSA | Neg ALS, AP, Micro , PSA |
| 4JW49P | Pos AP | Neg AP |
| 4MG4EW | Pos AP, Micro, PSA | Neg AP, Micro, PSA |
| 4NKGJ7 | Pos ALS, AP, PSA, Micro | Neg ALS, AP |
| 4PX7QP | Pos AP, Micro | Neg AP, Micro, PSA |
| 4QRU9K | Pos ALS, AP, Micro, PSA | Neg ALS, AP, Micro, PSA |
| 4RJXTF | Pos AP, Micro, PSA | Neg AP, Micro, PSA |
| 4T2Q6B | Pos ALS, AP, PSA, Micro | Neg ALS, AP |
| 4UTXZ8 | Pos PSA; Micro | Neg PSA |
| 4VE2R9 | Pos PSA, AP, Micro | Neg PSA, AP, Micro, ALS |
| 4YECN9 | Pos AP, PSA, Micro | Neg ALS, AP, PSA, Micro |
| 4YKXLU | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| 4YU8ZV | Pos ACP, Micro | Neg ACP |
| 4Z2QG4 | Pos AP | Neg AP |
| 4Z4FJE | Pos Micro, PSA | Neg Micro, PSA |
| 4ZZT78 | Pos AP, Micro, PSA | Neg AP, Micro, PSA |
| 66KNEJ | Pos ALS, AP, Micro | Neg ALS, AP |
| 67BNYV | Pos AP | Neg AP |
| 686CGQ | Pos AP, Micro | Neg AP |
| 6BGV9Y | Pos ALS, AP, and Micro | Neg ALS, AP, and Micro |
| 6E42WA | Pos AP, RSID-Semen | Neg AP, RSID-Semen |

TABLE 1b

| WebCode | Semen Screening Results | |
|---------|-------------------------|-------------------------|
| | Item 3 | Item 4 |
| 6E7NF9 | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| 6FA7VJ | Pos AP | Neg AP |
| 6FBD9R | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| 6GXK3H | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| 6HRDXZ | Pos AP | Neg AP |
| 6M4VEM | Pos ALS, AP, Micro | Neg ALS, AP |
| 6MRFLZ | Pos ALS, AP, Micro | Neg ALS, AP, Micro |
| 6NK44V | Pos AP, Micro | Neg AP |
| 6RM9GG | Pos AP | Neg AP |
| 6UZKRT | Pos AP, Micro | Neg AP |
| 6ZX3GX | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| 789PLJ | Pos AP, ALS, Micro | Neg AP, ALS |
| 78N2CC | Pos ALS, AP, PSA, Micro | Neg ALS, AP, PSA, Micro |
| 78NHGG | Pos AP, PSA, Micro | Neg AP |
| 7ATT4P | Pos PSA | Neg PSA |
| 7EKZLX | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| 7RHLLKH | Pos AP, Micro, PSA | Neg AP |
| 7U89FW | Pos AP | Neg AP |
| 7ULLDM | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| 7UZV6 | Pos AP, PSA, Micro | Neg AP |
| 7YB8ZF | Pos ALS, AP, Micro | Neg ALS, AP |
| 838ZRP | Pos ALS, PSA | Neg ALS, PSA |
| 84M27D | Pos ALS, AP | Neg ALS, AP |
| 87VDME | Pos AP, Seratec, Micro | Neg AP, Seratec |
| 88MLHC | Pos AP, Micro, PSA | Neg AP, PSA |
| 8B4VPN | Pos PSA | Neg PSA |
| 8DR8QE | Pos ALS, AP, Micro, PSA | Neg ALS, AP, Micro |
| 8HHDPW | Pos AP | Pos AP |
| 8JUK44 | Pos AP, RSID | Neg AP, RSID |
| 8LKFC7 | Pos AP, Micro, p30 | Neg AP |
| 8PC2BT | Pos AP, PSA, Micro | Neg AP |
| 8PLLQB | Pos AP, PSA | Neg AP, PSA |
| 8PQKYW | Pos AP, Micro | Neg AP, Micro |
| 8Q8F2R | Pos AP, Micro | Neg AP |

TABLE 1b

| WebCode | Semen Screening Results | |
|---------|--------------------------------|--------------------------------|
| | Item 3 | Item 4 |
| 8QHLUM | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| 8TKWMB | Pos AP, PSA | Neg AP, PSA |
| 8UFFTJ | Pos AP, PSA, Micro | Neg AP |
| 8W2GBC | Pos AP, Micro | Neg AP, Micro |
| 8W6FRK | Pos AP | Neg AP |
| 8XGJHK | Pos AP, PSA | Neg AP |
| 8YHR3W | Pos AP, Micro | Neg AP |
| 93Q39Q | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| 988X3M | Pos AP | Neg AP |
| 98GL4U | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| 99JLQU | Pos AP, Micro, PSA | Neg AP, Micro, PSA |
| 9AJJH3 | Pos SM | Neg SM |
| 9B6Y6K | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| 9BY3K9 | Pos ALS, AP, Micro | Neg ALS, AP, Micro |
| 9EKDPK | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| 9EZW8W | Pos AP, PSA | Neg AP, PSA |
| 9G77QE | Pos AP, PSA, Micro | Neg AP |
| 9HDKNU | Pos PSA, Micro | Neg PSA, Micro |
| 9UUVGP | Pos AP, Micro | Neg AP |
| 9Y6EFD | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| A4FUHA | Pos AP, Micro | Neg AP, Micro |
| A6Y8LK | Pos AP, Micro | Neg AP, Micro |
| A8E7GV | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| A8JQ33 | Pos AP, Micro | NT |
| A8T77X | Pos AP | Neg AP |
| AAJTVK | Pos AP, Micro | Neg AP |
| ACVX2Z | Pos AP | Neg AP |
| ADPN2N | Pos AP, Micro | Neg AP |
| AEQXC7 | | Neg AP |
| AETLV6 | Pos AP, PSA, Micro | Neg AP, PSA, Micro, ALS |
| AFLGHD | Pos AP, PSA, Micro | Neg AP |
| AH2776 | Pos AP, Micro | Neg AP |
| AKQZXK | Pos AP | Neg AP |
| AMG6PW | Pos ALS, AP, Micro | Neg ALS, AP |

TABLE 1b

| WebCode | Semen Screening Results | |
|---------|-------------------------|---------------------|
| | Item 3 | Item 4 |
| AMQYR6 | Pos RSID | Neg RSID |
| AMTZXH | Pos AP | Neg AP |
| AMWKPQ | Pos AP, Micro | Neg AP |
| ANDJCP | Pos ALS, AP, Micro | Neg ALS, AP |
| ANQLYH | Pos ALS, AP, PSA, Micro | Neg ALS, AP |
| APHLXE | Pos AP, Micro, PSA | Neg AP |
| AQVYCG | Pos AP, Micro, PSA | Neg AP |
| AT9R3X | Pos AP, Micro | Neg AP |
| ATL2H6 | Pos PSA, AP, Micro | Inc AP |
| AX44VU | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| B2UPXN | Pos ALS, AP, PSA, Micro | Neg ALS, AP, PSA |
| B3EGCT | Pos ALS, AP, Micro | Neg ALS, AP |
| B6MMW9 | Pos AP, Micro | Neg AP, Micro |
| B8BYXY | Pos AP, p30, Micro | Neg AP |
| B8F9VR | Pos ALS, AP, Micro, p30 | Neg ALS, AP |
| B8VM6L | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| B8XCAJ | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| BKKKBQ | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| BNCZ9C | Pos RSID | Neg RSID |
| BQCBTZ | Pos AP, Micro, PSA | Neg AP, Micro, PSA |
| BR48HU | Pos AP, Micro | Neg AP |
| BUBTN8 | Pos AP | Neg AP |
| BUW9BP | Pos PSA, Micro | Neg PSA |
| BWY3ZU | Pos ALS, AP, Micro | Neg ALS, AP, Micro |
| BXM3UD | Pos RSID | Neg RSID |
| BY4QH6 | Pos AP, p30, MicroSCOPY | Neg p30, MicroSCOPY |
| BYTUFY | Pos AP, Micro, p30 | Neg AP, Micro, p30 |
| BZQ6B2 | Pos AP, Micro, PSA | Neg AP, Micro, PSA |
| C3AV6Y | Pos RSID | Neg RSID |
| C4PF82 | Pos AP, Micro, PSA | Neg AP, Micro, PSA |
| C6M9DR | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| C7YULM | Pos ALS, AP, Micro | Neg ALS, AP, Micro |
| CATHAG | Pos ALS, AP, PSA, Micro | Neg ALS, AP, PSA |
| CB78GZ | Pos PSA | Neg PSA |

TABLE 1b

| WebCode | Semen Screening Results | |
|---------|--------------------------------|--------------------------------|
| | Item 3 | Item 4 |
| CB927E | Pos PSA, Micro | Neg PSA, Micro |
| CBM7RC | Pos ALS, AP, Micro | Neg ALS, AP |
| CCM9QB | Pos ALS, AP, PSA, Micro | Neg ALS, AP |
| CDVJ9J | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| CGQNVQ | Pos AP | Neg AP |
| CHNYRT | Pos | Neg |
| CKBXM3 | Pos AP, Micro, PSA | Neg AP, Micro, PSA |
| CKUL6X | Pos AP, Micro, ALS | Neg AP, ALS |
| CL7ZM7 | Pos PSA, Micro | Neg PSA |
| CLNBMT | Pos AP | Neg AP |
| CMHCQG | Pos AP, Micro | Neg AP, Micro |
| CTMDQB | Pos ALS, AP, PSA, Micro | Neg ALS, AP, PSA, Micro |
| CU2T9J | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| CU6WX9 | Pos Micro, PSA | Neg Micro, PSA |
| CVC4YP | Pos ABACard p30 | Neg ABACard p30 |
| CWC69E | Pos AP, Micro | Neg AP |
| D2ERU3 | Pos AP, p30, Micro | Neg AP, p30, Micro |
| D2GABX | Pos AP, Micro | Neg AP |
| D83XJ4 | Pos AP, Micro | Neg AP |
| D84JJP | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| D9ZLA9 | Pos AP, Micro, PSA | Neg AP |
| DAEJNW | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| DCVX36 | Pos PSA, Micro | Neg PSA, Micro |
| DDVLTG | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| DF4DZH | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| DJKEK4 | Pos AP/Micro | Neg AP |
| DJYG84 | Pos PSA | Neg PSA |
| DLPYMP | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| DRTVGM | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| DRVKLL | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| DTPA4F | Pos ALS, AP, PSA, Micro | Neg ALS, AP |
| DWK88D | Pos ALS, AP, Micro | Neg ALS, AP |
| DY4BPH | Pos PSA | Neg PSA |
| DY4F37 | Pos AP, Micro | Neg AP |

TABLE 1b

| WebCode | Semen Screening Results | |
|---------|--------------------------------|---------------------|
| | Item 3 | Item 4 |
| DYEQDK | Pos AP & Microscopy | Neg AP & Microscopy |
| E3VU2M | Pos AP | Neg AP |
| E4ELHC | Pos PSA | Neg PSA |
| E4EQVZ | Pos AP, Micro | Neg AP, Micro |
| E7YM2D | Pos AP, PSA | Neg AP |
| E9Q7CY | NT | Neg AP |
| EA4A4A | Pos ALS, AP, Micro | Neg ALS, AP |
| ECJXWT | Pos ALS, AP, Micro | Neg ALS, AP |
| EE2VUD | Pos ALS, AP, PSA, Micro | Neg ALS, AP |
| EEMPTM | Pos AP, PSA, Micro | Neg AP |
| EFUHKV | Pos AP Micro | Neg AP |
| EHGAED | Pos AP, PSA | Neg AP |
| EJ9PTA | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| EKC3WV | Pos AP, Micro | Neg AP |
| EP2BWB | Pos AP, PSA, Micro | Neg AP |
| EPJCP6 | Pos ALS, AP, PSA, Micro | Neg ALS, AP |
| EPN7NJ | Pos AP, PSA, Micro | Neg AP |
| EQJKFH | Pos AP, Micro | Neg AP |
| EQV3WN | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| ETGMQ7 | Pos AP | Neg AP |
| ETMGKJ | Pos ALS, AP, PSA, Micro | Neg ALS, AP, PSA |
| ETMHNP | Pos AP, Microscopy | Neg AP, Microscopy |
| EU4M8N | Pos ALS, AP, PSA | Neg ALS, AP |
| EUE2AH | Pos AP, PSA, Micro | Neg AP |
| EUZZUG | Pos AP, Micro, ALS, RSID-Semen | Neg AP, ALS |
| EZ6VL4 | Pos PSA, Micro | Neg PSA, Micro |
| EZ7RP8 | Pos AP | Neg AP |
| EZ8Y4F | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| F2TCWH | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| F4CFEM | Pos AP, Micro | Neg AP |
| F8KVHR | Pos AP | Neg AP |
| F8MKK4 | Pos Micro, PSA | Neg Micro, PSA |
| F9FG6Q | Pos ALS, AP, Micro | Neg ALS, AP, Micro |
| FB6UZF | Pos AP, Micro | Neg AP |

TABLE 1b

| WebCode | Semen Screening Results | |
|---------|-------------------------|-------------------------|
| | Item 3 | Item 4 |
| FF6W8V | Pos AP, Micro | Neg AP |
| FF9JK3 | Pos AP, PSA | Neg AP, PSA |
| FFCDTU | Pos AP, Micro | Neg AP |
| FJQML7 | Pos AP, Seratec, Micro | Neg AP, Seratec |
| FKXFEE | Pos AP, Micro | Neg AP |
| FL2C6H | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| FMPV3A | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| FNWFJH | Pos PSA | Neg PSA |
| FQ48J7 | Pos AP, Micro | Neg AP |
| FU4HE7 | Pos AP, PSA, RSID | Neg AP, PSA, RSID |
| FXBYAA | Pos RSID Semen | Neg RSID Semen |
| FZ3MRA | Pos AP, Micro, PSA | Neg AP |
| FZM2KT | Pos AP | Neg AP |
| G8HL2E | Pos AP, PSA | Neg AP, PSA |
| GACPA2 | Pos AP, RSID Semen, PSA | Neg AP, RSID Semen, PSA |
| GB4RUW | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| GBDXG7 | Pos ALS, AP, Micro | Neg ALS, AP |
| GC2GEX | Pos RSID | Neg RSID |
| GD6D8M | Pos ALS, AP, Micro | Neg ALS, AP, Micro |
| GDJ9P4 | Pos AP, Micro | Neg AP, Micro |
| GEY2PH | Pos AP, Micro | Neg AP |
| GF7ZPC | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| GLCQU4 | Pos ALS, AP | Neg ALS, AP |
| GLM49U | Pos AP, p30 | Neg AP, p30 |
| GT9Y9X | Pos AP, PSA, RSID Semen | Neg AP, PSA, RSID Semen |
| GTT6WA | Pos AP, PSA, Micro | Neg AP |
| GUV6LU | Pos ALS, AP, PSA, Micro | Neg ALS, AP |
| GVMTF6 | Pos ALS, AP, PSA, Micro | Neg ALS, AP |
| GVWWWA | Pos PSA | Neg PSA |
| GZ2WGL | Pos ALS, AP, PSA, Micro | Neg ALS, AP |
| H3WT2R | Pos ALS, AP, PSA, Micro | Neg ALS, AP, PSA, Micro |
| HCECDB | Pos ALS, AP, PSA, Micro | Neg AP |
| HCKN8L | Pos AP, PSA, Micro | Neg AP |
| HDLREW | Pos AP, Micro, PSA | Neg Micro, PSA |

TABLE 1b

| WebCode | Semen Screening Results | |
|---------|-------------------------|-------------------------|
| | Item 3 | Item 4 |
| HE9ZV7 | Pos ALS, AP, Micro, PSA | Neg AP |
| HEL3RZ | Pos PSA | Neg PSA |
| HEM4CX | Pos AP, Micro, p30 | Neg AP, Micro, p30 |
| HH6K3B | Pos AP, Micro | Neg AP, Micro |
| HH8G4U | Pos AP, Micro | Neg AP, Micro |
| HHDNLB | Pos PSA, Micro | Neg PSA, Micro |
| HHLF9X | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| HHQF7X | Pos AP;Micro | Neg AP |
| HJ26MP | Pos PSA, Micro | Neg PSA, Micro |
| HJ4XDB | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| HJQ3CC | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| HKH3B9 | Pos AP, PSA, Micro | Neg AP |
| HN9T3C | Pos AP, Micro, PSA | Neg AP, Micro, PSA |
| HNV4AK | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| HV8WWV | Pos Micro | Neg Micro |
| HW4BJN | Pos AP | Neg AP |
| HYFCWT | Pos AP, ALS, PSA, Micro | Neg AP, ALS |
| HZMQ6U | Pos AP, Micro, PSA | Neg AP, Micro, PSA |
| J2DN2M | Pos AP | Neg AP |
| J2ZJWG | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| J3LNTR | Pos AP, Micro, PSA | Neg AP, Micro |
| J843QU | Pos ALS, AP, PSA, Micro | Neg ALS, AP, PSA, Micro |
| JB4PJ3 | Pos AP, Micro | Neg AP, Micro |
| JCHQLA | Pos AP | Neg AP |
| JEQD9A | Pos ALS, AP, PSA, Micro | Neg ALS, AP |
| JFJ74T | Pos AP, ALS, PSA, Micro | Neg AP, ALS |
| JG67NG | Pos PSA, AP | Neg AP |
| JJDGL7 | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| JNBA32 | Pos AP | Neg AP |
| JNFMNC | Pos AP, Micro, PSA | Neg AP, Micro, PSA |
| JQ2B74 | Pos AP | Neg AP |
| JQPHLM | Pos ALS, AP, Micro | Neg ALS, AP |
| JRCPHY | Pos ALS, AP | Neg ALS, AP |
| JUUF3 | Pos AP, Micro, PSA | Neg AP, Micro, PSA |

TABLE 1b

| WebCode | Semen Screening Results | |
|---------|--|--|
| | Item 3 | Item 4 |
| JVG2BY | Pos p30, Micro | Neg p30, Micro |
| JW8ZRH | Pos AP | Neg AP |
| JXFTBD | Pos PSA, ALS | Neg PSA, ALS |
| JXRYJV | Pos AP, PSA, Micro | Neg ALS, AP, PSA, Micro |
| K3PB7Z | Pos AP, Micro | Neg AP, Micro |
| K4YDXQ | Pos AP, Micro, PSA | Neg AP |
| K6EMXH | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| K77PFR | Pos AP, p30, Micro | Neg AP, p30, Micro |
| K8LGV9 | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| K8N4E8 | Pos AP, PSA, Micro | Neg AP, PSA |
| K9KY4K | Pos AP, PSA, Micro | Neg AP |
| K9U43G | Pos AP, PSA | Neg AP |
| KBC43B | Pos AP | |
| KCRQV6 | Pos AP, Micro | Neg AP |
| KHMHCV | Pos ALS, AP, PSA, Micro | Neg ALS, AP, PSA, Micro |
| KHXJNE | Pos PSA | Neg PSA |
| KK4EER | Pos AP (Phosphatesmo KM), PSA (Bluestar Identi-PSA) | Neg AP (Phosphatesmo KM), PSA (Bluestar Identi-PSA) |
| KKKYGV | Pos AP, Micro | Neg AP, Micro |
| KREF6D | Pos AP, Micro | Neg AP |
| KTE7VU | Pos AP, Micro | Neg AP |
| KVLZJL | Pos | Neg |
| KXQNYC | Pos AP Spot, Seratec PSA, Micro | Neg AP Spot, Seratec PSA, Micro |
| KZC2FL | Pos ALS/AP/Micro | Neg ALS/AP |
| L8LAB6 | Pos ABACard p30 | Neg ABACard p30 |
| L8U3HP | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| L8VEFY | Pos AP Test, Micro | Neg AP Test, Micro |
| L9Y7Z7 | Pos ALS, AP, PSA, Micro | Neg ALS, AP |
| LA37P7 | Pos AP | Neg AP |
| LAJ8F3 | Pos ALS, AP, PSA, Micro | Neg ALS, AP, PSA, Micro |
| LBK3Z | Pos AP, Seratec, Micro | Neg AP, Seratec |
| LCBXPT | Pos AP, Micro | Neg AP |
| LCV3BJ | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| LDR92K | Pos AP, Micro | Neg AP |
| LE3CDN | Pos AP | Neg AP |

TABLE 1b

| WebCode | Semen Screening Results | |
|---------|------------------------------------|--------------------------------|
| | Item 3 | Item 4 |
| LE4C9H | Pos STMP, Micro, ALS | Neg STMP, Micro, ALS |
| LFWZRD | Pos AP, Micro | Neg AP |
| LJRWAC | Pos AP, Micro | Neg AP |
| LK2E6W | Pos AP and Micro | Neg AP and Micro |
| LK6LHV | Pos Micro, PSA | Neg Micro, PSA |
| LKJK78 | Pos AP, Micro | Neg AP |
| LKPJWC | Pos AP, Micro, PSA | Neg AP |
| LLBXXL | Pos AP | Neg AP |
| LLXP67 | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| LMFCXR | Pos Acid Phosphatase, Micro | Neg Acid Phosphatase |
| LML3AN | Pos AP, Micro | Neg AP, Micro |
| LNF8ZV | Pos ALS, AP, PSA, Micro | Neg ALS, AP, PSA, Micro |
| LP4CVG | Pos AP, PSA, Micro | Neg AP |
| LPCKMN | Pos AP, Micro | Neg AP |
| LPE87M | Pos p30, Micro | Neg p30 |
| LR2WHN | Pos ALS, AP, Micro, PSA | Neg ALS, AP, Micro, PSA |
| LTY8AA | Pos AP, Micro, PSA | Neg AP |
| LW36EP | Pos AP, Micro | Neg AP |
| M2PXQB | Pos ALS, AP, Micro | Neg ALS, AP |
| M68WY4 | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| M6NALB | Pos ALS, AP, Micro | Neg ALS, AP |
| M79KMA | Pos AP, Micro | Neg AP |
| M88K9T | Pos AP, Micro | Neg AP, Micro |
| MAHRM3 | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| MDYTKZ | Pos ALS, AP, Micro | Neg ALS, AP |
| ME9784 | Pos AP, Micro | Neg AP, Micro |
| MEZQQ9 | Pos AP, Microscopy | Neg AP |
| MHRR8H | Pos AP, PSA, Micro | Neg AP |
| MK7HLY | Pos AP | Neg AP |
| MK7L8N | Pos AP, ALS | Neg AP, ALS |
| MPD4E3 | Pos AP, Micro, PSA | Neg AP |
| MPG9WF | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| MU9ZW3 | Pos AP | Neg AP |
| MWRM6B | Pos PSA | Neg PSA |

TABLE 1b

| WebCode | Semen Screening Results | |
|---------|--------------------------------------|--------------------------------------|
| | Item 3 | Item 4 |
| MYJQ6X | Pos AP, Seratec, Micro | Neg AP, Seratec |
| MZANPW | Pos AP & Micro | Neg AP & Micro |
| N6MR8C | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| N79W6N | Pos AP, Micro | Neg AP, Micro |
| N87Z36 | Pos ALS, AP, PSA, Micro | Neg ALS, AP, PSA, Micro |
| NBMFF4 | Pos ALS, AP, Micro | Neg ALS, AP |
| NCY6TN | Pos AP, PSA, Micro | Neg AP |
| ND22T6 | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| NHPCHN | Pos AP, PSA, Micro | Neg AP |
| NMGLJA | Pos PSA | Neg PSA |
| NMKBN8 | Pos PSA | Neg PSA |
| NMWJGM | Pos ALS, AP, PSA, Micro | Neg ALS |
| NPKVHD | Pos AP | Neg AP |
| NPM4NX | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| NTRJMN | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| NVMPZE | Pos AP, Micro | Neg AP |
| NW8ZRM | Pos AP, Micro | Neg AP |
| NWJ7JG | Pos AP (GBC), p30, Micro, ALS | Neg AP (GBC), p30, Micro, ALS |
| NWWUD4 | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| NXP2M2 | Pos AP, PSA, Micro | Neg AP |
| P22C94 | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| P4Y4R2 | Pos ALS, PSA | Neg ALS, PSA |
| P78TYY | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| P7YHXD | Pos ALS, AP SpotTest, PSA | Neg ALS, AP SpotTest |
| PA762Q | Pos AP, Micro | Neg AP, Micro |
| PB9P76 | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| PCWWZV | Pos AP, Micro | Neg AP |
| PE6Q3M | Pos AP | Neg AP |
| PFFVDP | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| PJ2J73 | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| PJXU37 | Pos ALS, AP, p30, Micro | Neg ALS, AP |
| PLK23N | Pos AP | |
| PLNV9U | Pos ALS, AP | Neg ALS, AP |
| PMTCUK | Pos PSA, RSID-Semen | Neg PSA, RSID-Semen |

TABLE 1b

| WebCode | Semen Screening Results | |
|---------|---------------------------------|---------------------------------|
| | Item 3 | Item 4 |
| PMZV33 | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| PT6QR6 | Pos ALS, AP, Micro | Neg ALS, AP |
| PTGKAP | Pos AP, Micro | Neg AP |
| PTNHX9 | Pos AP, Micro | Neg AP, Micro |
| PUFJW6 | Pos ALS, AP, PSA, Micro | Neg ALS, AP |
| PVB78M | Pos AP, PSA, Micro | Neg AP |
| PVQAX9 | Pos Seratec | Neg Seratec |
| PXWXBD | Pos AP, PSA | Neg AP |
| PZRXL2 | Pos AP, PSA, Micro | Neg AP |
| Q2CQXP | Pos ALS, AP, PSA, Micro | Neg ALS, AP |
| Q62GJ9 | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| Q7UHC4 | Pos ALS, AP, PSA | Neg ALS, AP |
| Q7YJE6 | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| QBXH2N | Pos ALS, AP, Microscopic | Neg ALS, AP, Microscopic |
| QDG9WD | Pos ALS, AP, Micro | Neg ALS, AP |
| QEQZ49 | Pos AP, Micro | Neg AP |
| QFAVU2 | Pos ALS, AP, PSA, Micro | Neg ALS, AP |
| QHGL9Q | Pos AP, Micro | Neg AP, Micro |
| QHMZT6 | Pos AP | Neg AP |
| QHXGQX | Pos ALS, AP, Micro | Neg ALS, AP |
| QHZ4AW | Pos AP, PSA, Micro | Neg AP |
| QJDM7M | Pos AP, Micro | Neg AP |
| QJHKTb | Pos BCIP, Micro, ALS | Neg BCIP, ALS |
| QK23DA | Pos AP, PSA | Neg AP |
| QKR69T | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| QQ8DBP | Pos AP, RSID-Semen | Neg AP, RSID-Semen |
| QTYTYK | Pos AP, Micro | Neg AP |
| QWWELG | Pos AP, PSA, Micro, ALS | Neg AP, PSA, Micro, ALS |
| QYDQ36 | Pos AP, Micro | Neg AP, Micro |
| QYR887 | Pos AP | Neg AP |
| QZWK6T | Pos Micro | Neg Micro |
| R2TUZ2 | Pos AP | Neg AP |
| R39J8W | Pos ALS, AP, PSA, Micro | Neg ALS, AP, PSA, Micro |
| R4YPQE | Pos ALS, AP, PSA, Micro | Neg ALS, AP |

TABLE 1b

| WebCode | Semen Screening Results | |
|---------|-------------------------|--------------------|
| | Item 3 | Item 4 |
| R6TDAA | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| R6UTEZ | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| R7PD2Y | Pos AP | Neg AP |
| R9RN6A | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| RCUBUC | Pos ALS, AP, PSA, Micro | Neg ALS, AP |
| RDLBP3 | Pos AP | Neg AP |
| RDNYC8 | Pos AP, PSA, Micro | Neg AP |
| RFA4P7 | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| RJKAX8 | Pos ALS, AP, Micro | Neg ALS, AP |
| RKRUJM | Pos AP, Micro | Neg AP |
| RLHK6L | Pos ALS, AP, PSA, Micro | Neg ALS, AP |
| RN27RW | Pos AP, Micro, PSA | Neg AP, Micro, PSA |
| RNXQCB | Pos AP | Neg AP |
| RWFKK8 | Pos PSA | Neg PSA |
| RWZZAA | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| RXL67L | Pos AP, Micro | Neg AP, Micro |
| RXNUBJ | Pos AP, Micro | Neg AP, Micro |
| RXZLZ2 | Pos AP, PSA, Micro | Neg AP, PSA |
| RZPCH7 | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| RZY7G7 | Pos AP, Micro | Neg AP |
| T4J99C | Pos ALS, AP, PSA, Micro | Neg ALS, AP |
| T4TQ3V | Pos RSID | Neg RSID |
| T6EMYB | Pos AP, Micro | Neg AP, Micro |
| TBFB4V | Pos AP | Neg AP |
| TBWUZA | Pos AP, PSA, Micro | Neg AP |
| TCJER7 | Pos PSA | Neg PSA |
| TEQB4H | Pos AP, Micro | Neg AP |
| TEZ4CH | Pos PSA | Neg PSA |
| TFMNQA | Pos AP | Neg AP |
| TFQPRG | Pos ALS, PSA, Micro | Neg ALS, PSA |
| THPAAL | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| THY9YA | Pos ALS, AP, Micro | Neg ALS, AP, Micro |
| TJ7AJ3 | Pos ALS, AP, PSA, Micro | Neg ALS, AP |
| TKDLBC | Pos AP, PSA, Micro | Neg AP, PSA, Micro |

TABLE 1b

| WebCode | Semen Screening Results | |
|---------|---------------------------------------|-----------------------------------|
| | Item 3 | Item 4 |
| TLQD29 | Pos AP, PSA | Neg AP, PSA |
| TLXMLZ | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| TLYB96 | Pos AP, Micro | Neg AP, Micro |
| TMN6Q2 | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| TMQKU7 | Pos AP, Micro | Neg AP |
| TNFHXL | Pos AP, PSA, Micro | Neg AP |
| TR8P23 | Pos AP, PSA, ALS | Neg AP, ALS |
| TTHN2C | Pos ALS, AP, Micro | Neg ALS, AP, Micro |
| TTREQ3 | Pos ALS, AP, Micro, p30 | Neg ALS, AP |
| TUCCK9 | Pos AP, Micro | Neg AP |
| TWEXV7 | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| TZL8G3 | Pos AP, Microscopy | Neg |
| U2XP9R | Pos AP, Micro, PSA | Neg AP, Micro, PSA |
| U6FRDC | Pos AP, p30, Micro, ALS | Neg AP, p30, Micro, ALS |
| U7VL6T | Pos AP, Micro, PSA | Neg AP |
| UBN9TR | Pos AP, Micro | Neg AP, Micro |
| UCJ4KP | Pos RSID | Neg RSID |
| UD2Q3P | Pos ALS, AP | Neg ALS, AP |
| UH9EHC | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| UKATY6 | Pos AP, Seratec PSA, Micro | Neg AP, Seratec PSA, Micro |
| ULE7Z7 | Pos ALS, AP, PSA, Micro | Neg ALS, AP, PSA, Micro |
| ULTRBT | Pos AP | Neg AP |
| UMXQHA | Pos AP, Micro, ALS | Neg AP, ALS |
| UQ2M33 | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| URF2L7 | Pos AP, ALS, PSA, Micro | Neg AP, ALS |
| UTN68G | Pos ALS, AP, PSA, Micro | NT |
| UXUYN6 | Pos ALS, AP, Micro | Neg ALS, AP |
| UYRJX8 | Pos AP | Neg AP |
| UZ2CKY | Pos ALS, AP, Micro | Neg ALS, AP, PSA |
| V2F6AZ | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| V2UW2Q | Pos AP, Micro, PSA, ALS | Neg AP, Micro, PSA, ALS |
| V3P8PJ | Pos AP, Micro | Neg AP |
| V6PGE2 | Pos ALS; AP; RSID-Semen; Micro | Neg ALS; AP |
| V84KP7 | Pos AP, PSA | Neg AP, PSA |

TABLE 1b

| WebCode | Semen Screening Results | |
|---------|------------------------------------|------------------------------------|
| | Item 3 | Item 4 |
| V8GE8R | Pos ALS, AP, Micro | Neg ALS, AP |
| V8QH6X | Pos AP | Neg AP |
| V9ZAXU | Pos AP, ALS, Micro | Neg AP, ALS |
| VAUC6N | Pos Micro, PSA | Neg Micro, PSA |
| VBHPDM | Pos PSA | Neg PSA |
| VCKBL8 | Pos AP | Neg AP |
| VG7K7E | Pos AP, ALS, PSA, Micro | Neg AP, ALS |
| VG9AAB | Pos AP | Neg AP |
| VG9VWV | Pos PSA | Neg PSA |
| VJKULH | Pos AP, Micro, PSA | Neg AP, Micro, PSA |
| VLBT32 | Pos AP, Micro | Neg AP |
| VP3VDA | Pos ALS, AP, Micro, PSA | Neg ALS, AP, Micro, PSA |
| VP6GDV | Pos ALS, AP, Micro | Neg ALS, AP |
| VRTZAM | Pos AP, Micro | Neg AP |
| VYHW8W | Pos AP, Micro | Neg AP |
| W6BQ9B | Pos AP, PSA, Micro, ALS | Neg AP, ALS |
| W6CWW3 | Pos ALS, AP, PSA | Neg ALS, AP |
| W7KVLY | Pos Acid Phosphatase | |
| W94F98 | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| W9KEHY | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| WAU2TU | Pos PSA Semiquant (SERATEC) | Neg PSA Semiquant (SERATEC) |
| WLWBQF | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| WMNXEH | Pos AP, Micro, p30 | Neg AP, Micro, p30 |
| WN9FTP | Pos AP, Seratec, Micro | Neg AP |
| WTYRNL | Pos ALS, AP, PSA, Micro | Neg ALS, AP, Micro |
| WXVBVL | Pos AP, Micro | Neg AP, Micro |
| WXX4QD | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| X3NVBF | Pos AP, Micro | Neg AP |
| X3YW3F | Pos AP, p30 | Neg AP |
| X4YKUR | Pos AP, ALS, Micro | Neg AP, ALS |
| X6NGY7 | Pos AP, PSA, Micro | Neg AP |
| X7HTPK | Pos AP, Micro | Neg AP, Micro |
| X7M4RJ | Pos AP, Micro | Neg AP |
| X7XALY | Pos PSA | Neg PSA |

TABLE 1b

| WebCode | Semen Screening Results | |
|---------|-------------------------|-----------------------------------|
| | Item 3 | Item 4 |
| X8VKH2 | Pos PSA | Neg PSA |
| X93CGP | Pos ALS, AP, PSA, Micro | Neg ALS, AP, PSA, Micro |
| XAA634 | Pos AP, p30, and Micro | Neg p30, Micro, AP (inconclusive) |
| XAFCQJ | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| XC8ZZL | Pos AP, PSA, RSID | Neg AP, PSA, RSID |
| XCRE24 | Pos AP, PSA, Micro | Neg AP |
| XDUAJE | Pos ALS, AP, Micro | Neg ALS, AP, Micro |
| XFBW4F | Pos PSA, Micro | Neg PSA |
| XG3R9H | Pos AP, Micro | Neg AP, Micro, PSA |
| XG6MDH | Pos ALS, AP, PSA, Micro | Neg ALS, AP, PSA, Micro |
| XM9V8A | Pos ALS, AP, p30, Micro | Neg ALS, AP, p30, Micro |
| XMG32C | Pos AP, Micro | Neg AP |
| XPDUUJ | Pos AP / Micro | Neg AP / PSA / Micro |
| XQT7RE | Pos ALS, AP, Micro, PSA | Neg ALS, AP, Micro, PSA |
| XUD3BX | Pos AP | Neg AP |
| XUDTQT | Pos AP, PSA, Micro | Neg AP, PSA |
| XWZEEA | Pos AP, Micro, PSA | Neg AP, Micro, PSA |
| XYK2JC | Pos AP, Micro, PSA | Neg AP, Micro, PSA |
| XZ2H6B | Pos AP, Micro, PSA | Neg AP, Micro, PSA |
| XZ3JYA | Pos ALS, AP, Micro | Neg ALS, AP |
| Y2J9AM | Pos ALS, AP, PSA, Micro | Neg ALS, AP, PSA, Micro |
| Y33JNG | Pos ALS, AP, PSA, Micro | Neg ALS, AP, PSA, Micro |
| Y4NYAB | Pos RSID | Neg RSID |
| Y6LQJG | Pos Semenogelin | Neg Semenogelin |
| YAG2FV | Pos AP, Micro | Neg AP |
| YAJ6DX | Pos ALS, AP, PSA, Micro | Neg ALS, AP |
| YCDA6Q | Pos AP | Neg AP |
| YCPKQV | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| YFATCV | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| YLF2J7 | Pos ALS, AP, PSA, Micro | Neg ALS, AP |
| YLX9HP | Pos ALS, AP, p30, Micro | Neg ALS, AP |
| YQZHFN | Pos ALS, AP, Micro, PSA | Neg ALS, AP, Micro |
| YRTM24 | Pos AP | Neg AP |
| YVHKL9 | Pos ALS, AP, Micro | Neg ALS |

TABLE 1b

| WebCode | Semen Screening Results | |
|---------|-------------------------|-------------------------|
| | Item 3 | Item 4 |
| YVWECP | Pos AP/PSA | Neg AP/PSA |
| YZAVLY | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| YZRX38 | Pos AP, Micro for Sperm | Neg AP, Micro for Sperm |
| Z2273J | Pos ALS, AP | Neg ALS, AP |
| Z3XJVD | Pos AP, Micro, p30 | Neg AP |
| Z4CEMH | Pos AP | Neg AP |
| Z98PJW | Pos ALS, AP, PSA, Micro | Neg AP, ALS |
| ZBQT23 | Pos AP, PSA | Neg AP, PSA |
| ZCABGZ | Pos ALS, AP, PSA, Micro | Neg ALS, AP, PSA, Micro |
| ZD9RYC | Pos ALS, AP, Micro, PSA | Neg ALS, AP, Micro, PSA |
| ZEAWXZ | Pos ALS, AP, p30, Micro | Neg ALS, AP |
| ZG7NEX | Pos ALS, AP, PSA, Micro | Neg ALS, AP |
| ZGXEVQ | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| ZGXKEN | Pos ALS, AP, PSA, Micro | Neg ALS, AP, PSA, Micro |
| ZMD4B2 | Pos PSA, Micro | Neg PSA, Micro |
| ZP273F | Pos AP, Micro, PSA | Neg AP, Micro, PSA |
| ZRWMWM | Pos AP | Neg AP |
| ZVAVXM | Pos ALS, AP, Micro, PSA | Neg ALS, AP |
| ZWLABH | Pos AP, PSA, Micro | Neg AP, PSA, Micro |
| ZX237Q | Pos ALS, AP, Micro | Neg ALS, AP |
| ZXK8PJ | Pos PSA, RSID, AP | Neg PSA, RSID, AP |

| Table 1b: Serology Screening Response Summary - Semen | | Participants: 597 | |
|--|--------|-------------------|--|
| This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4. | | | |
| | Item 3 | Item 4 | |
| Positive | 595 | 1 | |
| Negative | 0 | 590 | |
| Inconclusive | 0 | 1 | |
| Not Tested (NT) | 1 | 2 | |
| Not Reported | 1 | 3 | |

Serology Screening Results

Indicate the results of any screening tests performed on the questioned stains (Items 3 & 4).

TABLE 1c

| WebCode | Saliva Screening Results | |
|---------|------------------------------|------------------------------|
| | Item 3 | Item 4 |
| 27AZ8E | NT | Neg RSID |
| 2JVFB | Neg RSID | Neg RSID |
| 2K2RMV | Neg Amylase radial Diffusion | Neg Amylase radial Diffusion |
| 374KGE | Neg SALIgAE Test | Neg SALIgAE Test |
| 39EQAN | Neg Phadebas | Neg Phadebas |
| 3CZ8PT | Neg Phadebas | Neg Phadebas |
| 3D4BBH | Neg Phadebas | Neg Phadebas |
| 4J9Q2H | Neg ALS, Phadebas | Neg ALS, Phadebas |
| 4JNQG2 | Neg ALS, Phadebas | Neg ALS, Phadebas |
| 4NKGJ7 | Neg RSID | Neg RSID |
| 4PX7QP | Neg Phadebas | Neg Phadebas |
| 4UTXZ8 | Neg RSID | NT |
| 4VE2R9 | Neg SALIgAE | Neg SALIgAE |
| 4YECN9 | Neg SALIgAE | Neg SALIgAE |
| 6BGV9Y | Neg RSID | Neg RSID |
| 6E42WA | Neg RSID-Saliva | Neg RSID-Saliva |
| 6E7NF9 | Neg SALIgAE | Neg SALIgAE |
| 6MRFLZ | Neg Phadebas | Neg Phadebas |
| 78N2CC | Neg SALIgAE | Neg SALIgAE |
| 7UZV6 | Neg RSID | Neg Phadebas, RSID |
| 7YB8ZF | Neg Phadebas | Neg Phadebas |
| 8JUK44 | Neg RSID | Neg RSID |
| 8LKFC7 | Neg RSID-Saliva | Neg RSID-Saliva |
| 8PC2BT | NT | Neg Phadebas tablet |
| 8PQKYW | Neg RSID | Neg RSID |
| 8QHLUM | Neg Phadebas | Neg Phadebas |
| 8XGJHK | Neg RSID-Amylase | Neg RSID-Amylase |
| 99JLQU | Neg SERATEC | Neg SERATEC |
| 9AJJH3 | Neg Salige | Neg Salige |
| 9EZW8W | Neg RSID | Neg RSID |
| 9Y6EFD | Neg Phadebas | NT |
| A8E7GV | Neg Phadebas | Neg Phadebas |

TABLE 1c

| WebCode | Saliva Screening Results | |
|---------|------------------------------|------------------------------|
| | Item 3 | Item 4 |
| AETLV6 | Neg SALIgAE | Neg SALIgAE |
| AT9R3X | Neg Phadebas | Neg Phadebas |
| ATL2H6 | Neg Amylase | Neg Amylase |
| B8BYXY | NT | Neg RSID Saliva |
| BWY3ZU | Neg ALS, Phadebas | Neg ALS, Phadebas |
| BY4QH6 | Neg Amylase | Neg Amylase |
| BYTUFY | Neg Phadebas | Neg Phadebas |
| C3AV6Y | Neg RSID | Neg RSID |
| C6M9DR | Neg Amylase Diffusion | Neg Amylase Diffusion |
| C7YULM | Neg RSID Saliva | Neg RSID Saliva |
| CB78GZ | Neg RSID | Neg RSID |
| CB927E | Neg RSID | Neg RSID |
| CCM9QB | Neg ALS, Phadebas | Neg ALS, Phadebas |
| CKUL6X | Neg Phadebas, ALS | Neg Phadebas, ALS |
| CL7ZM7 | Neg RSID-Saliva | Neg RSID-Saliva |
| CTMDQB | Neg AmyTest | Neg AmyTest |
| D2ERU3 | Neg Amylase Radial Diffusion | Neg Amylase Radial Diffusion |
| D2GABX | Neg Phadebas | Neg Phadebas |
| DCVX36 | NT | Neg RSID |
| DF4DZH | Neg Phadebas | Neg Phadebas |
| DJYG84 | Neg SALIgAE Test | Neg SALIgAE Test |
| DYEQDK | Neg RSID Saliva | Neg RSID Saliva |
| E4ELHC | Neg Amy | Neg Amy |
| E7YM2D | Neg RSID-Saliva | NT |
| EFUHKV | Neg Phadebas | Neg Phadebas |
| EHGAED | Neg RSID Saliva | Neg RSID Saliva |
| EKC3WV | Neg Phadebas | Neg Phadebas |
| EP2BWB | Neg Phadebas | NT |
| EPN7NJ | NT | Neg Phadebas Tablet |
| ETMGKJ | Neg Phadebas | Neg Phadebas |
| ETMHNP | Neg RSID | Neg RSID |
| EUZZUG | NT | Neg RSID-Saliva, ALS |
| F9FG6Q | Neg Phadebas, ALS | Neg Phadebas, ALS |
| FFCDTU | Neg Phadebas | Neg Phadebas |

TABLE 1c

| WebCode | Saliva Screening Results | |
|---------|------------------------------|------------------------------|
| | Item 3 | Item 4 |
| FU4HE7 | Neg RSID | Inc RSID |
| G8HL2E | Neg Phadebas tablet | Neg Phadebas tablet |
| GACPA2 | Neg SALIgAE test | Neg SALIgAE test |
| GD6D8M | Neg Amylase Diffusion | Neg Amylase Diffusion |
| GT9Y9X | Neg RSID Saliva | Neg RSID Saliva |
| H3WT2R | Neg RSID | Neg RSID |
| HDLREW | Neg Amylase | Neg Amylase |
| HEL3RZ | Neg RSID, SALIgAE® | Neg RSID, SALIgAE® |
| HEM4CX | Neg Amylase | Neg Amylase |
| HHDNLB | Neg RSID | Neg RSID |
| HJ26MP | Neg RSID | Neg RSID |
| HN9T3C | Neg Phadebas | Neg Phadebas |
| HZMQ6U | Neg Phadebas | Neg Phadebas |
| JNFMNC | Neg Phadebas | Neg Phadebas |
| JXRYJV | Neg SALIgAE | Neg SALIgAE |
| K4YDXQ | Neg Phadebas, RSID | Neg Phadebas |
| K77PFR | Neg RSID-Saliva | Neg RSID-Saliva |
| K8LGV9 | Neg Phadebas | Neg Phadebas |
| K8N4E8 | NT | Neg Phadebas Tablets |
| KHMHCV | Neg ALS, Phadebas | Neg ALS, Phadebas |
| KTE7VU | | Neg Phadebas |
| KXQNYC | Neg Seratec Amylase | Neg Seratec Amylase |
| L27K3T | Neg RSID-Saliva | Neg RSID-Saliva |
| L8U3HP | Neg SALIgAE | Neg SALIgAE |
| L9Y7Z7 | Neg Phadebas Tablet | Neg Phadebas Tablet |
| LE4C9H | Neg Amylase Diffusion | Neg Amylase Diffusion |
| LPE87M | NT | Neg RSID |
| LR2WHN | Neg ALS, RSID | Neg ALS, RSID |
| LW36EP | Neg Phadebas | Neg Phadebas |
| M68WY4 | Neg Phadebas | Neg Phadebas |
| ND22T6 | Neg Phadebas | Neg Phadebas |
| NHPCHN | Neg RSID | Neg RSID |
| NMGLJA | Neg Amylase | Neg Amylase |
| NMWJGM | Neg SALIgAE | NT |

TABLE 1c

| WebCode | Saliva Screening Results | |
|---------|-------------------------------------|-------------------------------------|
| | Item 3 | Item 4 |
| NPKVHD | Neg Phadebas | Neg Phadebas |
| NPM4NX | Neg Amylase test | Neg Amylase test |
| NVMPZE | Neg RSID Saliva | Neg RSID Saliva |
| NW8ZRM | NT | Neg RSID |
| NWWUD4 | Neg Phadebas | Neg Phadebas |
| PB9P76 | Neg Phadebas | Neg Phadebas |
| PMTCUK | Neg SALIgAE, RSID-Saliva | Neg SALIgAE, RSID-Saliva |
| PTNHX9 | Neg RSID Saliva | Neg RSID Saliva |
| PVB78M | Neg RSID | NT |
| PVQAX9 | Neg Seratec | Neg Seratec |
| PZRXL2 | NT | Neg Phadebas tablet |
| Q62GJ9 | Neg Phadebas | Neg Phadebas |
| Q7YJE6 | Neg Amylase Radial Diffusion | Neg Amylase Radial Diffusion |
| QQ8DBP | Neg RSID-Saliva | Neg RSID-Saliva |
| QYDQ36 | Neg RSID | Neg RSID |
| QZWK6T | Neg Alpha Amylase | Neg Alpha Amylase |
| R39J8W | Neg ALS, Phadebas | Neg ALS, Phadebas |
| R6UTEZ | Neg Phadebas | Neg Phadebas |
| RDNYC8 | NT | Neg Phadebas tablet |
| RXNUBJ | Neg Micro | Neg Micro |
| RZPCH7 | Neg Seratec Amylase | Neg Seratec Amylase |
| T6EMYB | Neg RSID | Neg RSID |
| THY9YA | Neg Amylase Diffusion | Neg Amylase Diffusion |
| TLXMLZ | Neg Phadebas | Neg Phadebas |
| TTHN2C | Neg ALS, Phadebas | Neg ALS, Phadebas |
| UCJ4KP | Neg RSID | Neg RSID |
| UKATY6 | Neg Seratec Amylase | Neg Seratec Amylase |
| UZ2CKY | Neg Phadebas | Neg Phadebas |
| V6PGE2 | NT | Neg ALS; RSID-Saliva |
| VBHPDM | Neg RSID | Neg RSID |
| VP3VDA | Neg ALS, Phadebas | Neg ALS, Phadebas |
| WAU2TU | Neg AmylaseTest (SERATEC) | Neg AmylaseTest (SERATEC) |
| X3YW3F | Neg RSID | Neg RSID |
| X7M4RJ | Neg RSID | Neg RSID |

TABLE 1c

| WebCode | Saliva Screening Results | |
|---------|--------------------------|---------------------|
| | Item 3 | Item 4 |
| XAA634 | Neg Amylase | Neg Amylase |
| XFBW4F | Neg RSID | Neg RSID |
| XG3R9H | NT | Neg Phadebas |
| XG6MDH | Neg ALS, Phadebas | Neg ALS, Phadebas |
| XMG32C | Neg Phadebas | Neg Phadebas |
| XPDUUJ | NT | Neg Phadebas |
| XUDTQT | Neg Phadebas tablet | Neg Phadebas tablet |
| XYK2JC | Neg RSID | Neg RSID |
| Y33JNG | Neg ALS, Phadebas | Neg ALS, Phadebas |
| Y4NYAB | Neg RSID | Neg RSID |
| YFATCV | Neg Phadebas | Neg Phadebas |
| YLX9HP | Neg ALS, Phadebas | Neg ALS, Phadebas |
| YVHKL9 | NT | Neg ALS |
| Z3XJVD | Neg RSID | Neg RSID |
| ZGXEVQ | Neg Phadebas | Neg Phadebas |
| ZGXKEN | Neg ALS, Phadebas | Neg ALS, Phadebas |

| Table 1c: Serology Screening Response Summary - Saliva | | | Participants: 150 |
|--|--------|--------|-------------------|
| This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4. | | | |
| | Item 3 | Item 4 | |
| Positive | 0 | 0 | |
| Negative | 134 | 143 | |
| Inconclusive | 0 | 1 | |
| Not Tested (NT) | 15 | 6 | |
| Not Reported | 1 | 0 | |

Serology Screening Results

Indicate the results of any screening tests performed on the questioned stains (Items 3 & 4).

TABLE 1d

| WebCode | Human Origin Screening Results | |
|---------|--------------------------------|---------------------------|
| | Item 3 | Item 4 |
| 22CMKP | Pos qPCR | Pos qPCR |
| 24MHAN | Pos HemaTrace | Pos HemaTrace |
| 27E4PM | Pos Quant Trio | Pos Quant Trio |
| 2PZQAE | Pos PowerQuant | Pos PowerQuant |
| 2RX87K | Pos Quant Trio | Pos Quant Trio |
| 39EQAN | Pos qPCR | Pos qPCR |
| 3D4BBH | Pos Human card test | Pos Human card test |
| 3MXJQ8 | Pos HemaTrace | Pos HemaTrace |
| 3QYYQW | Pos | Pos |
| 48DD48 | Pos PowerQuant | Pos PowerQuant |
| 4PDAHV | Pos qRT-PCR | Pos qRT-PCR |
| 4PX7QP | Pos Quantifiler Trio | Pos Quantifiler Trio |
| 4VE2R9 | Pos OBTI | Pos OBTI |
| 4YECN9 | Pos OBTI | Pos OBTI |
| 4YKXLU | Pos HemaTrace | Pos HemaTrace |
| 6E7NF9 | Pos OBTI | Pos OBTI |
| 6M4VEM | Pos HemaTrace | Pos HemaTrace |
| 6MRFLZ | Pos Quantifiler Trio | Pos Quantifiler Trio |
| 6NK44V | Pos | Pos |
| 6UZKRT | Pos HemaTrace | Pos HemaTrace |
| 789PLJ | Pos HemaTrace | Pos HemaTrace |
| 7CZJHE | Pos Quant Duo | Pos Quant Duo |
| 7EKZLX | Pos qPCR | Pos qPCR |
| 7FYUDE | Pos Quant Duo | Pos Quant Duo |
| 7ULLDM | Pos HemaTrace | Pos HemaTrace |
| 7UZV6 | Pos PowerQuant | Pos PowerQuant, HemaTrace |
| 8C2YTE | Pos Quantifiler Trio | Pos Quantifiler Trio |
| 8DR8QE | Pos HemDirect | Pos HemDirect |
| 8KW4MF | Pos Quant Trio | Pos Quant Trio |
| 8LKFC7 | Pos PowerQuant | Pos PowerQuant, HemaTrace |
| 8UFFTJ | Pos qPCR | Pos qPCR |
| 98GL4U | Pos HemaTrace | Pos HemaTrace |
| 9B6Y6K | Pos HemaTrace | Pos HemaTrace |

TABLE 1d

| WebCode | Human Origin Screening Results | |
|---------|--------------------------------|---------------------------|
| | Item 3 | Item 4 |
| 9EKDPK | Pos RT qPCR | Pos Real-Time qPCR |
| 9EZW8W | Pos PowerQuant | Pos PowerQuant |
| 9UUVGP | Pos Y-screening | Pos Y-screening |
| A4FUHA | Pos HemaTrace | NT |
| A8E7GV | Pos qPCR | Pos qPCR |
| ADPN2N | Pos CWD | Pos CWD |
| AEQXC7 | Pos HemDirect | Pos HemDirect |
| AETLV6 | Pos Hexagon OBTI | Pos Hexagon OBTI |
| AMWKPQ | Pos | Pos |
| AX44VU | Pos qPCR | Pos qPCR |
| BKKKBQ | Pos HemaTrace | Pos HemaTrace |
| BLVHHB | Pos Quant Trio | Pos Quant Trio |
| BUW9BP | Pos HemDirect | Pos HemDirect |
| BVFJEC | Pos Quantifiler Duo | Pos Quantifiler Duo |
| BWUNCA | Pos QUANT DUO | Pos QUANT DUO |
| BWY3ZU | Pos Quant trio | Pos Quant trio |
| C6M9DR | Pos HemaTrace | Pos HemaTrace |
| C7LYC | Pos Quant Trio | Pos Quant Trio |
| CB78GZ | Pos PowerQuant | Pos PowerQuant |
| CCM9QB | Pos HemaTrace, Quant Trio, PSA | Pos HemaTrace, Quant Trio |
| D2ERU3 | Pos Quant Trio, HemaTrace | Pos Quant Trio, HemaTrace |
| D84JJP | Pos HemaTrace | Pos HemaTrace |
| D9ZLA9 | Pos PowerQuant | Pos PowerQuant |
| DLPYMP | Pos HemaTrace | Pos HemaTrace |
| DRTVGM | Pos HemaTrace | Pos HemaTrace |
| DTTPFA | Pos Quantifiler Trio | Pos Quantifiler Trio |
| DWK88D | Pos HemaTrace | Pos HemaTrace |
| DY4BPH | Pos RT-PCR | Pos RT-PCR |
| E7YM2D | Pos RSID-Blood | Pos RSID-Blood |
| EA4A4A | Pos HemaTrace | Pos HemaTrace |
| EE2VUD | Pos HemaTrace | Pos HemaTrace |
| EP2BWB | Pos qPCR | Pos qPCR |
| EPJCP6 | Pos HemaTrace | Pos HemaTrace |
| F2TCWH | Pos HemaTrace | Pos HemaTrace |
| F9FG6Q | Pos Quantifiler Trio | Pos Quantifiler Trio |

TABLE 1d

| WebCode | Human Origin Screening Results | |
|---------|--------------------------------|---------------------------|
| | Item 3 | Item 4 |
| FDZN7K | Pos Quant Duo | Pos Quant Duo |
| FMPV3A | Pos qPCR | Pos qPCR |
| GAKUB9 | Pos Quantifiler Trio | Pos Quantifiler Trio |
| GBDXG7 | Pos HemaTrace | Pos HemaTrace |
| GD6D8M | NT | Pos HemDirect |
| GEY2PH | Pos | Pos |
| GLM49U | Pos ABACard | Pos ABACard |
| GUV6LU | Pos RSID Blood | Pos RSID Blood |
| GVMTF6 | Pos HemaTrace | Pos HemaTrace |
| HE9ZV7 | Pos HemDirect | Pos HemDirect |
| HEM4CX | Pos Quant Trio, HemaTrace | Pos Quant Trio, HemaTrace |
| HHLF9X | Pos Quant Trio | Pos Quant Trio |
| HHX9T4 | Pos Quantifiler Trio | Pos Quantifiler Trio |
| HJ26MP | Pos RT-PCR | Pos RT-PCR |
| HM6V76 | Pos Quantifiler Trio | Pos Quantifiler Trio |
| HN9T3C | Pos ABAHemaTrace | Pos ABA HemaTrace |
| HQ6AM3 | Pos Quantifiler Trio | Pos Quantifiler Trio |
| HV8WWV | Pos OBTI | Pos OBTI |
| J2ZJWG | Pos HemaTrace | Pos HemaTrace |
| JG67NG | Pos HemaTrace (Blood) | Pos HemaTrace (Blood) |
| JJDGL7 | Pos RT-QPCR | Pos RT-QPCR |
| JUUF3 | Pos Powerquant | Pos Powerquant |
| JXHDD3 | Pos Quantifiler Trio | Pos Quantifiler Trio |
| JXRYJV | Pos OBTI | Pos OBTI |
| K4YDXQ | Pos PowerQuant | Pos PowerQuant, HemaTrace |
| K6EMXH | Pos HemaTrace | Pos HemaTrace |
| K77PFR | Pos PowerQuant | Pos HemaTrace, PowerQuant |
| K9U43G | Pos HemaTrace | |
| KHMHCV | Pos HemaTrace, PSA | Pos HemaTrace |
| KXQNYC | Pos Seratec HemDirect | Pos Seratec HemDirect |
| L8U3HP | Pos Hexagon OBTI | Pos Hexagon OBTI |
| LE4C9H | Pos HemDirect | Pos HemDirect |
| LFWZRD | Pos | Pos |
| LJRWAC | Pos Casework Direct | Pos Casework Direct |
| LNf8ZV | Pos HemaTrace | Pos HemaTrace |

TABLE 1d

| WebCode | Human Origin Screening Results | |
|---------|--|-------------------------|
| | Item 3 | Item 4 |
| LPCKMN | Pos PowerQuant | Pos PowerQuant |
| M2PXQB | Pos HemaTrace | Pos HemaTrace |
| M6NALB | Pos HemaTrace | Pos HemaTrace |
| MAHRM3 | Pos PowerQuant | Pos PowerQuant |
| MDYTKZ | Pos HemaTrace | Pos HemaTrace |
| ME9784 | Pos Quant Trio | Pos Quant Trio |
| MHRR8H | Pos RT qPCR | Pos RT qPCR |
| MM48P3 | Pos PowerQuant | Pos PowerQuant |
| N6MR8C | Pos HemaTrace | Pos HemaTrace |
| NBMFF4 | Pos HemaTrace | Pos HemaTrace |
| NCY6TN | Pos Powerquant | Pos Powerquant |
| NHPCHN | Pos PowerQuant | Pos PowerQuant |
| NMGLJA | Pos RT-PCR | Pos RT-PCR |
| NMWJGM | | Pos OBTI |
| NPKVHD | Pos HEXAGON OBTI TEST & RSID Semen & SERATEC PSA Semiquant | Pos HEXAGON OBTI TEST |
| NVMPZE | Pos Quant | Pos Quant |
| P22C94 | Pos HemaTrace | Pos HemaTrace |
| PUFJW6 | Pos HemaTrace | Pos HemaTrace |
| PVB78M | Pos Promega PowerQuant | Pos Promega PowerQuant |
| PXWXBD | Pos ABACard® HemaTrace® | Pos ABACard® HemaTrace® |
| QHGXGX | Pos HemaTrace | Pos HemaTrace |
| QKR69T | Pos HemaTrace | Pos HemaTrace |
| QZWK6T | Pos Human Hb | Pos Human Hb |
| R39J8W | Pos PSA, HemaTrace | Pos HemaTrace |
| RFUYBV | Pos Quant Trio | Pos Quant Trio |
| RN27RW | Pos PowerQuant rtPCR | Pos PowerQuant rtPCR |
| RWZZAA | Pos HemaTrace | Pos HemaTrace |
| RZPCH7 | Pos HemDirect | Pos HemDirect |
| RZY7G7 | Pos CWD | Pos CWD |
| TEZ4CH | Pos RSID Blood | Pos RSID Blood |
| THY9YA | Pos HemDirect | NT |
| TKDLBC | Pos Real-Time qPCR | Pos Real-Time qPCR |
| TMQKU7 | Pos Case Work Direct | Pos Case Work Direct |
| TNFHXL | Pos PowerQuant | Pos PowerQuant |

TABLE 1d

| WebCode | Human Origin Screening Results | |
|---------|--------------------------------------|----------------------------------|
| | Item 3 | Item 4 |
| TTHN2C | Pos Quantifiler Trio | Pos Quantifiler Trio |
| TUCCK9 | Pos CWD | Pos CWD |
| U2XP9R | Pos HemDirect | Pos HemDirect |
| U7VL6T | Pos Powerquant | Pos Powerquant |
| UKATY6 | Pos Seratec PMB | Pos Seratec PMB |
| UNZHMQ | Pos [Laboratory Specific Method] | Pos [Laboratory Specific Method] |
| V2UW2Q | Pos PowerQuant | Pos PowerQuant |
| V62HEQ | Pos Quantifiler Trio | Pos Quantifiler Trio |
| V6PGE2 | Pos Quant Trio | Pos Quant Trio |
| V9ZAXU | Pos HemaTrace | Pos HemaTrace |
| VP6GDV | Pos HemaTrace | Pos HemaTrace |
| WTYRNL | Pos HemaTrace | Pos HemaTrace |
| WXX4QD | Pos HemaTrace | Pos HemaTrace |
| X2LWTL | Pos Quant Duo | Pos Quant Duo |
| X3YW3F | Pos PowerQuant | Pos PowerQuant |
| X4YKUR | Pos HemaTrace | Pos HemaTrace |
| X7M4RJ | Inc | NT |
| XFBW4F | Pos PowerQuant | Pos PowerQuant |
| XG6MDH | Pos HemaTrace, PSA | Pos HemaTrace, PSA |
| Y33JNG | Pos HemaTrace, PSA | Pos HemaTrace |
| YLX9HP | Pos HemaTrace, Quantifiler Trio, p30 | Pos HemaTrace, Quantifiler Trio |
| YPXGNL | Pos Quantifiler Trio | Pos Quantifiler Trio |
| YQZHFN | Pos HemDirect | Pos HemDirect |
| YVWECP | Pos Powerquant | Pos Powerquant |
| Z3XJVD | Pos HemaTrace, Powerquant | Pos HemaTrace, Powerquant |
| ZBQT23 | Pos HemaTrace, PSA | Pos HemaTrace |
| ZCABGZ | Pos HemDirect | Pos HemDirect |
| ZGXEVQ | Pos RT qPCR | Pos RT qPCR |
| ZGXKEN | Pos HemaTrace, PSA | Pos HemaTrace |
| ZMD4B2 | Pos HemDirect | Pos HemDirect |
| ZVAVXM | Pos HemDirect | Pos HemDirect |
| ZX237Q | Pos HemaTrace | Pos HemaTrace |

Table 1d: Serology Screening Response Summary - Human OriginParticipants: **169**

This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.

| | Item 3 | Item 4 |
|-----------------|---------------|---------------|
| Positive | 166 | 165 |
| Negative | 0 | 0 |
| Inconclusive | 1 | 0 |
| Not Tested (NT) | 1 | 3 |
| Not Reported | 1 | 1 |

Serology Screening Results

Indicate the results of any screening tests performed on the questioned stains (Items 3 & 4).

TABLE 1e

| WebCode | Y Screening Results | |
|---------|------------------------------|------------------------------|
| | Item 3 | Item 4 |
| 22CMKP | Pos qPCR | Neg qPCR |
| 27E4PM | Pos Quant Trio | Neg Quant Trio |
| 2KV3GT | Pos Plexor HY | Neg Plexor HY |
| 2PZQAE | Pos PowerQuant | Neg PowerQuant |
| 2RX87K | Pos Quant Trio | Neg Quant Trio |
| 374KGE | Pos Quantifiler DNA Trio kit | Neg Quantifiler DNA Trio kit |
| 39EQAN | Pos qPCR | Neg qPCR |
| 3QYYQW | Pos | Neg |
| 3RCK66 | Pos Quant Trio | Neg Quant Trio |
| 3VCWZ6 | Pos Quant Trio | Neg Quant Trio |
| 43MUDA | Pos | Neg |
| 4HTQ73 | Pos Quantifiler Trio | Neg Quantifiler Trio |
| 4PDAHV | Pos Zygem + qRT-PCR | Pos Zygem + qRT-PCR |
| 4PX7QP | Pos Quantifiler Trio | Neg Quantifiler Trio |
| 6NK44V | Pos | Neg |
| 6UZKRT | Pos Quantifiler Trio | Neg Quantifiler Trio |
| 7ATT4P | Pos Zygem, RT-PCR | Neg Zygem, RT-PCR |
| 7EKZLX | Pos qPCR | Neg qPCR |
| 7ULLDM | Pos Plexor HY | Neg Plexor HY |
| 838ZRP | Pos qPCR | Neg qPCR |
| 84M27D | Pos QuantTrio | NT |
| 8B4VPN | Pos Zygem | NT |
| 8C26UR | Pos Plexor HY | Neg Plexor HY |
| 8C2YTE | Pos Quantifiler Trio | Neg Quantifiler Trio |
| 8KW4MF | Pos Quant Trio | Neg Quant Trio |
| 8NUQZM | Pos Plexor HY | Neg Plexor HY |
| 8UFFTJ | Pos qPCR | Neg qPCR |
| 92UPLX | Pos Plexor HY | Neg Plexor HY |
| 98GL4U | Pos Plexor HY | Neg Plexor HY |
| 9EKDPK | Pos RT qPCR | Neg Real-Time qPCR |
| 9UUVGP | Pos Y-screening | Neg Y-screening |
| A8E7GV | Pos qPCR | Neg qPCR |
| A8JQ33 | Pos | NT |
| A8T77X | Pos Quantifiler Trio | Neg Quantifiler Trio |
| ADPN2N | Pos CWD | Neg CWD |

TABLE 1e

| WebCode | Y Screening Results | |
|---------|---------------------------------|---------------------------------|
| | Item 3 | Item 4 |
| AH2776 | Pos Y screen TRIO | NT |
| AMWKPQ | Pos | Neg |
| AMWTFM | Pos Plexor HY | Neg Plexor HY |
| ATL2H6 | Pos NAOH screen | Neg NAOH screen |
| AX44VU | Pos qPCR | Neg qPCR |
| B8VM6L | Pos Plexor HY | Neg Plexor HY |
| B8XCAJ | Pos Plexor HY | Neg Plexor HY |
| BDZ6FD | Pos Promega Casework Direct Kit | Neg Promega Casework Direct Kit |
| BLVHHB | Pos Quant Trio | Neg Quant Trio |
| BY4QH6 | Pos NAOH | Neg NAOH |
| C6LVVK | Pos Plexor HY | Neg Plexor HY |
| C7YLYC | Pos Quant Trio | Neg Quant Trio |
| CB927E | Pos | Neg |
| CCM9QB | Pos Quantifiler Trio | Neg Quantifiler Trio |
| CU2T9J | Pos Plexor HY | Neg Plexor HY |
| D2ERU3 | Pos Quant Trio | Pos Quant Trio |
| D84JJP | Pos Plexor HY | Neg Plexor HY |
| D9ZLA9 | Pos Casework Direct, PowerQuant | Neg Casework Direct, PowerQuant |
| DAEJNW | Pos Plexor HY | Neg Plexor HY |
| DDVLTG | Pos Plexor HY | Neg Plexor HY |
| DJYG84 | Pos Quantifiler DNA Trio kit | Neg Quantifiler DNA Trio kit |
| DRVKLL | Pos Plexor HY | Neg Plexor HY |
| DTTPFA | Pos Quantifiler Trio | Neg Quantifiler Trio |
| DY4BPH | Pos Zygem/RT-PCR | Neg Zygem/RT-PCR |
| E4ELHC | Pos Zygem | Neg Zygem |
| EP2BWB | Pos qPCR | Neg qPCR |
| EQV3WN | Pos Plexor HY | Neg Plexor HY |
| EUZZUG | Pos QuantTrio | Neg QuantTrio |
| FMPV3A | Pos qPCR | Neg qPCR |
| FNWFJH | Pos Zygem, qPCR | Neg Zygem, qPCR |
| GAKUB9 | Pos Quantifiler Trio | Inc Quantifiler Trio |
| GEHF3B | Pos | Neg |
| GEY2PH | Pos | Neg |
| GF7ZPC | Pos Plexor HY | Neg Plexor HY |
| GLCQU4 | Pos Quantifiler | NT |
| GN47HY | Pos NaOH Y Screen | Neg NaOH Y Screen |
| GVMTF6 | Pos Quant Trio | Neg Quant Trio |

TABLE 1e

| WebCode | Y Screening Results | |
|---------|-----------------------------------|-----------------------------------|
| | Item 3 | Item 4 |
| GVWWWA | Pos zygem, qRT-PCR | Pos zygem, qRT-PCR |
| HCKN8L | Pos Trio | Pos Trio |
| HEM4CX | Pos Quant Trio | Neg Quant Trio |
| HHDNLB | Pos Y-Screening | Neg Y-Screening |
| HHLF9X | Pos Quant Trio | Pos Quant Trio |
| HHX9T4 | Pos Quantifiler Trio | Neg Quantifiler Trio |
| HJ26MP | Pos RT-PCR | Neg RT-PCR |
| HJ4XDB | Pos PlexorHY | Neg PlexorHY |
| HM6V76 | Pos Quantifiler Trio | Neg Quantifiler Trio |
| HQ6AM3 | Pos Quantifiler Trio | Neg Quantifiler Trio |
| HW4BJN | Pos Quantifiler Trio | Neg Quantifiler Trio |
| HYFCWT | Pos Plexor HY | Neg Plexor HY |
| HZMQ6U | Pos NaOH lysis + Quantifiler Trio | Neg NaOH lysis + Quantifiler Trio |
| JFJ74T | Pos Plexor HY | Neg Plexor HY |
| JJDGL7 | Pos RT-QPCR | Neg RT-QPCR |
| JRCPHY | Pos Quant Trio | Neg Quant Trio |
| JUUFL3 | Pos Casework Direct, Powerquant | Neg Casework Direct, Powerquant |
| JXFTBD | Pos Zygem, qPCR | Neg Zygem, qPCR |
| JXHDD3 | Pos Quantifiler Trio | Neg Quantifiler Trio |
| K9KY4K | Pos Trio | Neg Trio |
| KHXJNE | Pos Zygem | Neg Zygem |
| KXQNYC | Pos Quant Trio | Neg Quant Trio |
| LCBXPT | NT | Neg |
| LFWZRD | Pos | Neg |
| LJRWAC | Pos Casework Direct | Neg Casework Direct |
| LLBXXL | Pos Quantifiler Trio | Neg Quantifiler Trio |
| LNKH6F | Pos Plexor HY | Neg Plexor HY |
| LP4CVG | Pos TRIO | Neg TRIO |
| MAHRM3 | Pos Casework Direct, PowerQuant | Neg Casework Direct, PowerQuant |
| ME9784 | Pos Quant Trio | Neg Quant Trio |
| MHRR8H | Pos RT qPCR | Neg RT qPCR |
| MM48P3 | Pos CaseworkDirect/PowerQuant | Neg CaseworkDirect/PowerQuant |
| MPG9WF | Pos Plexor HY | Neg Plexor HY |
| MWRM6B | Pos Zygem | Neg Zygem |
| N24HTQ | Pos NaOH Screen | Neg NaOH Screen |
| N3X7AZ | Pos Promega Casework Direct Kit | Pos Promega Casework Direct Kit |
| NHCTLX | | Neg |

TABLE 1e

| WebCode | Y Screening Results | |
|---------|--|--|
| | Item 3 | Item 4 |
| NMGLJA | Pos Zygem, RT-PCR | Pos Zygem, RT-PCR |
| NMKBN8 | Pos Zygem | NT |
| NTRJMN | Pos Plexor HY | Neg Plexor HY |
| NVMPZE | Pos Quant | Neg Quant |
| P4Y4R2 | Pos rtPCR | Neg rtPCR |
| PJ2J73 | Pos Plexor HY | Neg Plexor HY |
| PJXU37 | Pos Plexor HY | Neg Plexor HY |
| PLNV9U | Pos Quantifiler Trio | Pos Quantifiler Trio |
| PMZV33 | Pos Plexor HY | Neg Plexor HY |
| PVQAX9 | Pos Zygem | Neg Zygem |
| QJF4TL | Pos Plexor HY | Neg Plexor HY |
| R4YPQE | Pos Plexor HY | Neg Plexor HY |
| RFUYBV | Pos Quant Trio | Neg Quant Trio |
| RN27RW | Pos Casework Direct, PowerQuant rtPCR | Neg Casework Direct, PowerQuant rtPCR |
| RWFKK8 | NT | Neg Zygem + qRT-PCR |
| RZPCH7 | Pos Quantifiler Trio | Neg Quantifiler Trio |
| RZY7G7 | Pos CWD | Neg CWD |
| TBWUZA | Pos TRIO | Neg TRIO |
| TCJER7 | Pos Zygem | Neg Zygem |
| TK4G9A | Pos Plexor HY | Neg Plexor HY |
| TKDLBC | Pos Real-Time qPCR | Neg Real-Time qPCR |
| TMN6Q2 | Pos Plexor HY | Neg Plexor HY |
| TMQKU7 | Pos Case Work Direct | Neg Case Work Direct |
| TUCCK9 | Pos CWD | Neg CWD |
| U7VL6T | Pos Powerquant/Casework direct | Neg Powerquant/Casework direct |
| UD2Q3P | Pos Quant Trio | NT |
| UQ2M33 | Pos Plexor HY | Neg Plexor HY |
| V2UW2Q | Pos Casework Direct, PowerQuant | Neg Casework Direct, PowerQuant |
| V62HEQ | Pos Quantifiler Trio | Neg Quantifiler Trio |
| V6PGE2 | Pos Quant Trio | Neg Quant Trio |
| VG9AAB | Pos Quantifiler Trio | Neg Quantifiler Trio |
| VG9VWV | Pos Zygem, qPCR | Neg Zygem, qPCR |
| X3NVBF | NT | Neg |
| X7M4RJ | Inc | NT |
| X7XALY | Pos zygem, RT-PCR | Neg zygem, RT-PCR |
| X8VKH2 | Pos Zygem, QPCR | Neg Zygem, QPCR |
| XAA634 | Pos NaOH | Neg NaOH |

TABLE 1e

| WebCode | Y Screening Results | |
|---------|--------------------------------------|--------------------------------------|
| | Item 3 | Item 4 |
| XWZEEA | Pos Quant Trio | Neg Quant Trio |
| XZ2H6B | Pos Quant Trio | Neg Quant Trio |
| YA4W94 | Pos Plexor HY | Neg Plexor HY |
| YCPKQV | Pos Plexor HY | Neg Plexor HY |
| YLX9HP | Pos Quantifiler Trio | Neg Quantifiler Trio |
| YPXGNL | Pos Quantifiler Trio | Neg Quantifiler Trio |
| YV26Q7 | Pos Plexor HY | Neg Plexor HY |
| YVWECP | Pos CaseworkDirect/Powerquant | Neg CaseworkDirect/Powerquant |
| Z2273J | Pos Trio | Neg Trio |
| Z644PM | Pos Y-male target at quant | Neg Y-male target at quant |
| ZBQT23 | Pos Y filer+ | NT |
| ZGXEVQ | Pos RT qPCR | Neg RT qPCR |

Table 1e: Serology Screening Response Summary - Y ScreeningParticipants: **158**

This table excludes participants who did not report or reported "Not Tested" for both Item 3 and Item 4.

| | Item 3 | Item 4 |
|-----------------|------------|------------|
| Positive | 153 | 8 |
| Negative | 0 | 140 |
| Inconclusive | 1 | 1 |
| Not Tested (NT) | 3 | 9 |
| Not Reported | 0 | 0 |

Serology Screening Results

Indicate the results of any screening tests performed on the questioned stains (Items 3 & 4).

TABLE 1f

| WebCode | Other Screening Results | |
|---------|---|---|
| | Item 3 | Item 4 |
| 4VE2R9 | Semen Inc ALS | |
| 4YECN9 | Semen Neg ALS | |
| 6E7NF9 | Body fluid Neg ALS | Body fluid Neg ALS |
| A6Y8LK | Forensic light source Pos Crime Lite | Forensic light source Neg Crime Lite |
| AETLV6 | Semen Neg ALS | |
| ATL2H6 | | Semen Neg Micro, PSA |
| BY4QH6 | | Semen Inc AP |
| E4ELHC | Fluorescence Neg ALS | Fluorescence Neg ALS |
| GVMTF6 | | Human Origin |
| HDLREW | | Semen Inc AP |
| JXRYJV | Semen Neg ALS | |
| L8U3HP | Body Fluids Neg ALS | Body Fluids Neg ALS |
| QJHKTb | Amylase Neg Amylase Diffusion | Amylase Neg Amylase Diffusion |
| RZPCH7 | Urine, Feces Neg DMAC/Creatinine, Urobilinogen | Urine, Feces Neg DMAC/Creatinine, Urobilinogen |
| UKATY6 | Urine, Menstrual Neg Blood Creatinine/DMAC, Seratec PMB | Urine, Menstrual Neg Blood Creatinine/DMAC, Seratec PMB |
| VG9VWV | Fluorescence Pos ALS | Fluorescence Neg ALS |
| W6CWW3 | Semen Neg Micro | |

TABLE 1f

| WebCode | Other Screening Results | |
|---------|-------------------------|----------------|
| | Item 3 | Item 4 |
| X7M4RJ | Inc | |
| XAA634 | Urine Neg RSID | Urine Neg RSID |

STR Amplification Kit(s) & Results

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-----------------------------|------------|---------|-----------|-------|-------|
| 22CMKP | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| <hr/> | | | | | | |
| 22QWDX | PowerPlex® Fusion 6C Direct | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| <hr/> | | | | | | |
| 24MHAN | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| <hr/> | | | | | | |
| 26XQFW | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NM | | | NM | |
| <hr/> | | | | | | |
| 27AZ8E | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| <hr/> | | | | | | |
| 27E4PM | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|--|------------|---------|-----------|------------|-------|
| 29JVFF | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | No Results | |
| 2DA92M | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 2JVFBE | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 2K2RMV | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| 2PZQAE | PowerPlex® 16, Fusion 6C, GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 2RX87K | PowerPlex® Fusion 5c | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | | |
| 2THXP2 | ID+ | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|---------|-----------|-------|-------|
| 2VMNUV | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NM | | | NM | |
| 2XMT2W | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 2Z8HJN | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 32YJXV | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 374KGE | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 376P6G | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 39EQAN | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------|-------|---------|-----------|-------|-------|
| 3A9ETJ | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3CZ8PT | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3D4BBH | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| 3DUU4H | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3JQ69F | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3K6RLN | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3L6QVP | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-----------------------------|-------|---------|-----------|-------|-------|
| 3LXF6J | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| 3MXJQ8 | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3PPYFN | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3QFA8G | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3QLD8M | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3RCK66 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3RVBK6 | PowerPlex® Fusion 6C Direct | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-----------------------|-------|---------|-----------|-------|-------|
| 3TZPBC | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NM | | | NM | |
| 3VCWZ6 | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3YCXBZ | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3Z4WJ8 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 42QP8F | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 42T7UE | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| 43MUDA | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|----------------------|------------|------------|------------|-------|------------|
| 48DD48 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 49BZZP | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4AY48W | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4CTWD2 | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4DHCDB | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4EV6EZ | Identifiler® Direct | | | | | |
| | | 23 | | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | | | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | | X | 10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4HTQ73 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | not tested |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | not tested | not tested | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | not tested | not tested | NR | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| 4J9Q2H | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | ND | | | ND | |
| 4JNQG2 | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4JW49P | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4KY8KL | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | N/A |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | N/A | 7,9.3 | 9,12 |
| | 16,17 | NR/NE | N/A | N/A | N/A | |
| 4MG4EW | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4NKGJ7 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4P4PZT | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-----------------------|-------|---------|-----------|-------|-------|
| 4PDAHV | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| 4PX7QP | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4QRU9K | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4RJXTF | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4T2Q6B | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4UTXZ8 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4VE2R9 | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-----------------------|-------|---------|-----------|-------|-------|
| 4YECN9 | GlobalFiler™ (STRMix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4YU8ZV | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4Z2QG4 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4Z4FJE | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| 4ZZT78 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 6662RH | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | NA |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | NA | 7,9.3 | 9,12 |
| | 16,17 | NR/NE | NA | NA | NA | |
| 66KNEJ | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-----------------------|-------|---------|-----------|-------|------|
| 67BNYV | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | NR | NR | | |
| 686CGQ | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NM | | | NM | |
| 6A49QK | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 6BGV9Y | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 6E42WA | PowerPlex® 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | - | | | | |
| 6E7NF9 | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 6FA7VJ | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|---------|----------------------|------------|---------|-----------|------------|-------|
| 6G XK3H | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | no results | | | no results | |
| 6HRDXZ | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 6K37AE | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 6M4VEM | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 6MRFLZ | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | No Results | |
| 6RM9GG | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 6UZKRT | PowerPlex® 21 | | | | | |
| | 14,15 | 23,23 | | 14,14 | 11,12 | 18,19 |
| 1 | 9,11 | 10,13 | | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------|-----------|---------|-----------|-----------|-------|
| 6WV9EM | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 6ZX3GX | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 789PLJ | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 78N2CC | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 78NHGG | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No result | | | No result | |
| 7ATT4P | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| 7CZJHE | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | NA |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | NA | 7,9.3 | 9,12 |
| | 16,17 | NR/NE | NA | NA | NA | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|----------------------|-------|---------|-----------|-------|-------|
| 7EKZLX | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 7FYUDE | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | NA |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | NA | 7,9.3 | 9,12 |
| | 16,17 | NR/NE | NA | NA | NA | |
| 7RHLKH | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 7TKC3C | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |
| 7U89FW | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 7UZV6 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 7YB8ZF | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | ND | | | ND | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| 838ZRP | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| 84M27D | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | NR |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | NR | NR | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | NR | NR | NR | |
| 87VDME | GlobalFiler™ Express (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| 88MLHC | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8AV9HF | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8B4VPN | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| 8C26UR | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|---------------------------------|------------|---------|-----------|------------|-------|
| 8C2YTE | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | No Results | |
| 8DR8QE | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| 8ENHUC | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8EQCJU | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8HHPW | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8JUK44 | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8KW4MF | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|----------------------|-------|---------|-----------|-------|-------|
| 8LKFC7 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8MBBKE | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | NA |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | NA | 7,9.3 | 9,12 |
| | 16,17 | NR/NE | NA | NA | NA | |
| 8PC2BT | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8PLLQB | VeriFiler Plus | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | 18,19 |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | ND | |
| 8PQKYW | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8Q8F2R | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8QHLUM | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|----------------------|-------|---------|-----------|-------|-------|
| 8TKWMB | VeriFiler Plus | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | 18,19 |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | ND | |
| 8TRDAV | GlobalFiler™ Express | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8UFFTJ | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8W2GBC | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8W6FRK | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8WKC4Y | Investigator® 24plex | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8XGJHK | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|---------|-----------|-------|-------|
| 8YHR3W | Investigator® 24plex qs | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | | |
| 988X3M | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 98GL4U | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 99JLQU | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | ND | ND | ND | | |
| 9AJJH3 | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 9B6Y6K | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | | |
| 9BY3K9 | PowerPlex® 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | NR | NR | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| 9EKDPK | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 9EZW8W | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 9G77QE | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 9HDKNU | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| 9JCQZ | Investigator® 24plex (STRMix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 9Y6EFD | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| A4FUHA | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|---------------------------------------|------------|---------|-----------|------------|-------|
| A6Y8LK | PowerPlex® ESX 16 Fast | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | | |
| 1 | | 10,13 | 14,15 | 18.3,21 | | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | |
| | 20,21 | | | | 7,9.3 | |
| | 16,17 | | | | | |
| A8E7GV | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| A8JQ33 | PowerPlex® Fusion 6C (ArmedXpert) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| A8T77X | GlobalFiler™, Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | No Results | |
| AAJTVK | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | --- | | | --- | |
| ACUKH9 | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ACVX2Z | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-----------------------|-----------|---------|-----------|-----------|-------|
| ADT9TW | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| AEQXC7 | PowerPlex® Fusion | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| AETLV6 | GlobalFiler™ (STRMix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| AFLGHD | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No result | | | No result | |
| AH2776 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| AKQZXK | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ALZJTU | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-----------------------------|-------|---------|-----------|-------|-------|
| AMG6PW | PowerPlex® Fusion 6C Direct | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| AMQYR6 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| AMTZXH | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ANDJCP | PowerPlex® Fusion 6C Direct | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ANQLYH | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| APHLXE | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| AQVYCG | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NID | | | NID | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|---------------------------|-------|---------|-----------|-------|-------|
| AT9R3X | GlobalFiler™ (TrueAllele) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ATL2H6 | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| AX44VU | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| AYFDU2 | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |
| B2UPXN | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| B3EGCT | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | NT | | | | |
| B6MMW9 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------------|------------|---------|-----------|------------|-------|
| B787AA | GlobalFiler™ Express | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | No Results | |
| B8BYXY | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| B8F9VR | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| B8VM6L | Investigator® 24plex QS | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| B8XCAJ | Investigator® 24plex QS | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| BCPLFB | Investigator® 24plex (STRMix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| BKKKBQ | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------|------------|---------|-----------|-------|-------|
| BLVHHB | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | | |
| BNCZ9C | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| BQCBTZ | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| BR48HU | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| BTWUD8 | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| BTXN2P | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| BUBTN8 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------------|------------|---------|-----------|------------|-------|
| BUW9BP | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| BVFJEC | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | NA |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | NA | 7,9.3 | 9,12 |
| | 16,17 | NR/NE | NA | NA | NA | |
| BWY3ZU | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | No Results | |
| BXM3UD | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| BY4QH6 | GlobalFiler™ Express (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| BZQ6B2 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| C3AV6Y | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------------|------------|---------|-----------|-------|-------|
| C3JZAW | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| C4PF82 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| C6M9DR | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| C7YLYC | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | | |
| C7YULM | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | -- | | | -- | |
| CATHAG | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| CB78GZ | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------|------------|---------|-----------|-------|-------|
| CB927E | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| CBM7RC | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| CCM9QB | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | | |
| CDV9J | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| CED9YQ | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| CGQNVQ | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |
| CHNYRT | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------|-------|---------|-----------|-------|-------|
| CKBXM3 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | NT |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | NT | NT | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | NT | NT | NR | |
| CKUL6X | NGM SElect | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | | |
| 1 | | 10,13 | 14,15 | 18.3,21 | | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | |
| | 16,17 | | | | | |
| CL7ZM7 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| CLNBMT | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| CMHCQG | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| CTMDQB | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| CU2T9J | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------|-----------|---------|-----------|-----------|-------|
| CU6WX9 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| CVC4YP | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | N/A |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | N/A | N/A | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | N/A | N/A | N/A | N/A | |
| CWC69E | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| CWVX2B | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| D2ERU3 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No result | | | No result | |
| D2GABX | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| D83XJ4 | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NM | | | NM | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|---------|-----------|-------|-------|
| DCVX36 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| DDVLTG | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| DETFNL | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| DF4DZH | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| DJKEK4 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| DJYG84 | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| DLPYMP | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------|------------|---------|-----------|-------|-------|
| DQ2HQU | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| DRTVGM | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| DTPA4F | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| DTTPFA | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | | |
| DWK88D | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| DY4BPH | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| DY4F37 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| DYEQDK | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| DZRFMP | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| E3VU2M | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| E4ELHC | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| E6YWHB | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | - |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | - | - | - | - |
| E7YM2D | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| E9Q7CY | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-----------------------------|-------|---------|-----------|-------|-------|
| EA4A4A | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ECJXWT | PowerPlex® Fusion 6C Direct | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| EE2VUD | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| EFUHKV | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| EHGAED | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| EJ9PTA | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| EKC3WV | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-----------------------|-------|---------|-----------|-------|-------|
| ENKTF6 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| EP2BWB | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| EPMR4Q | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| EPN7NJ | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| EQJKFH | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ERDGJH | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ETGMQ7 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|----------------------|-------|---------|-----------|-------|-------|
| ETMGKJ | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ETMHNP | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| EU4M8N | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| EUE2AH | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| EUZZUG | PowerPlex® 21 | | | | | |
| | 14,15 | 23,23 | | 14,14 | 11,12 | 18,19 |
| 1 | 9,11 | 10,13 | | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| EZ6VL4 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| EZ7RP8 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------------|------------|---------|-----------|------------|-------|
| EZ8Y4F | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| F2V3U | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| F4CFEM | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | NT | | | | |
| F8KVHR | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| F8MKK4 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| F9FG6Q | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | No Results | |
| FB6UZF | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| FDZN7K | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | NA |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | NA | 7,9.3 | 9,12 |
| | 16,17 | NR/NE | NA | NA | NA | |
| FF6W8V | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| FF9JK3 | VeriFiler Plus | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | 18,19 |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | ND | |
| FFCDTU | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| FFDUPL | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| FJQML7 | GlobalFiler™ Express (STRMix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| FKXFEE | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| FL2C6H | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| FMPV3A | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| FNWFJH | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| FQ48J7 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| FRKTGT | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| FU4HE7 | PowerPlex® ESX 17Fast | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | | |
| 1 | | 10,13 | 14,15 | 18.3,21 | | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | |
| | 16,17 | | | | | |
| FZM2KT | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|----------------------------------|------------|---------|-----------|-------|-------|
| G6QLLV | GlobalFiler™ Express (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| G8FFLZ | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| G8HL2E | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GACPA2 | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GAKUB9 | PowerPlex® Fusion | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | | |
| GB4RUW | Investigator® 24plex QS (STRmix) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GBDXG7 | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------|-------|---------|-----------|-------|-------|
| GC2GEX | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GD6D8M | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GDJ9P4 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GF7ZPC | Investigator® 24plex QS | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GJ82PA | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| GK2CH9 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GLCQU4 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|---|-------|---------|-----------|-------|-------|
| GLM49U | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GN47HY | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| GT9Y9X | GlobalFiler™ (GeneMapper ID-X Software v 1.5) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GTT6WA | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GUV6LU | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GVMTF6 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | N/R | | | N/R | |
| GVWWWA | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|--------------------------|------------|---------|-----------|------------|-------|
| GZ2WGL | Investigator® 24plex GO! | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | N/A | | | | |
| H3WT2R | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| H86VLG | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | NA |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | NA | 7,9.3 | 9,12 |
| | 16,17 | NR/NE | NA | NA | NA | |
| HBE87Y | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | No Results | |
| HCECDB | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| HCKN8L | Investigator® 24plex QS | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| HDLREW | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------------------|-------|---------|-----------|-------|-------|
| HE9ZV7 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| HEL3RZ | PowerPlex® Fusion 5C, GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| HEM4CX | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| HH6K3B | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| HH8G4U | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| HHDNLB | GlobalFiler™ (Sentry (BulletProof)) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| HHLF9X | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|------------------------------------|------------|---------|-----------|-------|-------|
| HHQF7X | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| HHX9T4 | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | | |
| HJ26MP | PowerPlex® Fusion 6C, GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| HJQ3CC | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| HKH3B9 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| HM6V76 | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | | |
| HN9T3C | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | -- | | | -- | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|---------------------------------------|------------|---------|-----------|------------|-------|
| HN4AK | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| HQ6AM3 | PowerPlex® Fusion 5c | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | | |
| HRH7C6 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| HTM9UN | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | none | | | none | |
| HV8WWW | PowerPlex® Fusion | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| HW4BJN | GlobalFiler™, Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | No Results | |
| HZMQ6U | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|----------------------------------|-------|---------|-----------|-------|-------|
| J2DN2M | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| J2ZJWG | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| J3LNTR | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| J64G6N | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| J843QU | Investigator® 24plex QS (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| JB4PJ3 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| JCHQLA | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|---------|----------------------|-------|---------|-----------|-------|-------|
| JCND CJ | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| JDT8J4 | Investigator® 24plex | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| JEQD9A | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| JG67NG | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| JJDGL7 | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| JNBA32 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| JNFMNC | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-----------------------------|------------|------------|------------|-------|-------|
| JQ2B74 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| JQPHLM | PowerPlex® Fusion 6C Direct | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| JRCPHY | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| JVG2BY | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| JW8ZRH | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| JXFTBD | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| JXHDD3 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | No Results | No Results | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| JXRYJV | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| K3PB7Z | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| K4YDXQ | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| K6EMXH | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| K6WRFG | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| K77PFR | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| K8LGV9 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|--|-------|---------|-----------|-------|-------|
| K8N4E8 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| K9KY4K | Investigator® 24plex QS | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| K9U43G | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| KBC43B | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| KCRQV6 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| KHXJNE | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| KK4EER | PowerPlex® Fusion 6C, GlobalFiler™, NGM SElect | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | | |
|--------|-----------------------------|-------|-------|---------|-----------|-------|-------|
| KKKYGV | GlobalFiler™ | | | | | | |
| | | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| | 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | | |
| KPC7JC | GlobalFiler™ | | | | | | |
| | | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| | 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | | |
| KREF6D | GlobalFiler™ Express | | | | | | |
| | | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| | 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | | |
| KTE7VU | PowerPlex® ESI 17 | | | | | | |
| | | 14,15 | 23,23 | 11.3,14 | 14,14 | | |
| | 1 | | 10,13 | 14,15 | 18.3,21 | | 11,11 |
| | | 12,16 | 13,14 | 29,30 | 15,16 | X,X | |
| | | 20,21 | | | 27.2,28.2 | 7,9.3 | |
| | 16,17 | | | | | | |
| KVLZJL | | | | | | | |
| | | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| | 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | | |
| KXQNYC | GlobalFiler™ | | | | | | |
| | | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| | 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | | |
| KZC2FL | PowerPlex® Fusion 6C Direct | | | | | | |
| | | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| | 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-----------------------|-------|---------|-----------|-------|-------|
| L27K3T | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | - | - | | |
| L8LAB6 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| L8U3HP | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| L8VEFY | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| L9Y7Z7 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LA37P7 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LAJ8F3 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-----------------------------|-------|---------|-----------|-------|-------|
| LBEK3Z | GlobalFiler™ (STRmix™) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| LCBXPT | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LCV3BJ | PowerPlex® Fusion 6C Direct | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LDR92K | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LE3CDN | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LE4C9H | GlobalFiler™ Express | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LK2E6W | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|----------------------|------------|------------|------------|------------|------------|
| LK6LHV | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| LKJK78 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| LKPJWC | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LLBXXL | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | Not Tested |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | Not Tested | Not Tested | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | Not Tested | Not Tested | No Results | |
| LLXP67 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LMFCXR | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LML3AN | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------|-----------|-----------|-----------|------------|------------|
| LMVKXE | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | not tested |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | no result | no result | no result | not tested | |
| LNF8ZV | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LP4CVG | Investigator® 24plex QS | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LPCKMN | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LPE87M | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LR2WHN | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LTY8AA | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| LUF3GC | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LW36EP | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| M2PXQB | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| M68WY4 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| M6NALB | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| M6RRTL | Investigator® 24plex | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |
| M79KMA | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------|------------|---------|-----------|------------|-------|
| M88K9T | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| M9BYWF | Investigator® 24plex QS | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| MAHRM3 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| MDYTKZ | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ME9784 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | No Results | |
| MEZQQ9 | PowerPlex® 21 | | | | | |
| | 14,15 | 23,23 | | 14,14 | 11,12 | 18,19 |
| 1 | 9,11 | 10,13 | | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| MFBM4Z | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| MHRR8H | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| MK7HLY | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| MK7L8N | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| MRME7Z | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| MU9ZW3 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| MWRM6B | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| MYJQ6X | GlobalFiler™ Express (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| MZANPW | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| N24HTQ | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| N6MR8C | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| N79W6N | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| N87Z36 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| N8QQXB | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| NBMFF4 | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-----------------------|-------|---------|-----------|-------|-------|
| NCY6TN | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ND22T6 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| NHPCHN | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| NMGLJA | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| NMKBN8 | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| NMWJGM | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| NPKVHD | GlobalFiler™ Express | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|----------------------|-----------|---------|-----------|-----------|-------|
| NPM4NX | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| NVMPZE | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| NW8ZRM | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| NWJ7JG | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | no result | | | no result | |
| NWWUD4 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| NXP2M2 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| P22C94 | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|----------------------|-------|---------|-----------|-------|-------|
| P4Y4R2 | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| P78TYT | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| P7YHXD | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| PA762Q | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | NR | NR | | |
| PB9P76 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| PCWWZV | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| PE6Q3M | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|---------------------------------|--------------|---------|-----------|--------------|-------|
| PFFVDP | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | Not detected | | | Not detected | |
| PJXU37 | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| PLNV9U | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | NT |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | NT | NT | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | NT | NT | NR | |
| PMTCUK | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| PT6QR6 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | -- | | | -- | |
| PTGKAP | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NM | | | NM | |
| PUFJW6 | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|----------------------|-------|---------|-----------|-------|-------|
| PVB78M | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| PVQAX9 | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| PXWXBD | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| PZRXL2 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| Q2CQXP | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| Q62GJ9 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| Q7UHC4 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| Q7YJE6 | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| QBXH2N | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | NR | NR | | |
| QDG9WD | PowerPlex® Fusion 6C Direct | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| QEQZ49 | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| QFAVU2 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| QFHV4Y | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| QGP49V | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|---|-------|-------|---------|-----------|-------|-------|
| QHGL9Q | | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | NR | NR | | |
| QHMZT6 PowerPlex® Fusion 6C | | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| QHGXGX Investigator® 24plex | | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| QH44AW GlobalFiler™ | | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| QJDM7M PowerPlex® Fusion 6C | | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| QK23DA Identifiler® Plus | | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| QKR69T Investigator® 24plex QS (STRmix) | | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|----------------------|------------|---------|-----------|------------|-------|
| QPMEFQ | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| QQ8DBP | PowerPlex® 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | - | | | | |
| QTYTYK | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| QWWELG | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | no results | | | no results | |
| QYDQ36 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| QYR887 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| QZ7RXV | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|----------------------|-------|---------|-----------|-------|-------|
| QZLRJR | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| QZWK6T | PowerPlex® 21 | | | | | |
| | 14,15 | 23 | | 14 | 11,12 | 18,19 |
| 1 | 9,11 | 10,13 | | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| R2TUZ2 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| R6UTEZ | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| R7PD2Y | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| RCCGEQ | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| RCUBUC | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-----------------------------|-------|---------|-----------|-------|-------|
| RDLBP3 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| RDNYC8 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| RFA4P7 | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| RFUYBV | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| RJABCP | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| RJKAX8 | PowerPlex® Fusion 6C Direct | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| RKNFMD | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| RKRUJM | PowerPlex® Fusion 6c | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| RLHK6L | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| RN27RW | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| RNXQCB | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |
| RWFKK8 | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| RWZZAA | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| RXL67L | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|----------------------|-------|---------|-----------|-------|-------|
| RXNUBJ | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| RXZLZ2 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| RZPCH7 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| T4J99C | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| T4TQ3V | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| T6EMYB | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TBFB4V | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------|-------|---------|-----------|-------|-------|
| TBWUZA | Investigator® 24plex QS | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TCJER7 | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| TEQB4H | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TEZ4CH | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TFMNQA | Investigator® 24plex | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |
| TFQPRG | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| THY9YA | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------|-------|---------|-----------|-------|-------|
| TJ7AJ3 | Investigator® 24plex | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TKDLBC | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TLQD29 | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TLXMLZ | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TLYB96 | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TMN6Q2 | Investigator® 24plex QS | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TMZTJU | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | NA |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | NA | 7,9.3 | 9,12 |
| | 16,17 | NR/NE | NA | NA | NA | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|----------------------|------------|---------|-----------|------------|-------|
| TNFHXL | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TR8P23 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TTHN2C | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | No Results | |
| TTREQ3 | Investigator® 24plex | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TWEXV7 | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TYDXN6 | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | NA |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | NA | 7,9.3 | 9,12 |
| | 16,17 | NR/NE | NA | NA | NA | |
| TZL8G3 | GlobalFiler™ Express | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|---------------------------------|------------|---------|-----------|------------|-------|
| U2XP9R | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | --- | | | --- | |
| U6FRDC | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | no results | | | no results | |
| UBN9TR | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| UCGF2Q | PowerPlex® Fusion, MiniFiler | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |
| UCJ4KP | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| UD2Q3P | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| UH9EHC | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|--------------------------------------|------------|---------|-----------|------------|-------|
| UJJDHM | PowerPlex® Fusion, VERIFILER Express | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | 18,19 |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| UKATY6 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ULE7Z7 | Investigator® 24plex GO! | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ULTRBT | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| UMXQHA | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | NT | | | | |
| UNZHMZ | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | No Results | |
| URF2L7 | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-----------------------------|------------|------------|------------|-------|-------|
| UTN68G | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| UXUYN6 | PowerPlex® Fusion 6C Direct | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| UYRJX8 | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |
| UZ2CKY | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | -- | | | -- | |
| V2UW2Q | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| V3P8PJ | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | - |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | - | - | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NM | - | - | NM | |
| V62HEQ | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | No Results | No Results | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|----------------------|-------|---------|-----------|-------|-------|
| V6KG82 | Investigator® 24plex | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| V6PGE2 | PowerPlex® 21 | | | | | |
| | 14,15 | 23,23 | | 14,14 | 11,12 | 18,19 |
| 1 | 9,11 | 10,13 | | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| V84KP7 | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| V8GE8R | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| V8QH6X | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| V9ZAXU | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| VAUC6N | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|---------------------------------|------------|------------|------------|-----------|------------|
| VBHPDM | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| VCKBL8 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| VEMYH4 | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| VG7K7E | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| VG9AAB | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | Not Tested |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | {15,16} | X,X | 10,10 |
| | 20,21 | Not Tested | Not Tested | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Result | Not Tested | Not Tested | No Result | |
| VG9VWV | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| VH4Y3Q | Investigator® 24plex | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|----------------------|-------|---------|-----------|-------|-------|
| VJKULH | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| VP3VDA | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| VP6GDV | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| VRTZAM | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| VYHW8W | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| W6BQ9B | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| W6CWW3 | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|---------|-----------|-------|-------|
| W6VC7J | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| W7KVLY | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| W8PZQZ | PowerPlex® Fusion 5c (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| W94F98 | PowerPlex® Fusion 6C Direct | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| W9KEHY | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| WALBE2 | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| WAU2TU | PowerPlex® ESI 17 Fast (LR Mix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | | |
| 1 | | 10,13 | 14,15 | 18.3,21 | | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| WK8TBZ | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| WLWBQF | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| WMNXEH | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| WN9FTP | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | - |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | - | - | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | - | - | - | - |
| WWM34E | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| WXG9JQ | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| WXVBVL | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|----------------------|-------|---------|-----------|-------|-------|
| WXX4QD | Investigator® 24plex | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| X2LWTL | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | NA |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | NA | 7,9.3 | 9,12 |
| | 16,17 | NR/NE | NA | NA | NA | |
| X3NVBF | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| X3YW3F | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| X4YKUR | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| X6NGY7 | Investigator® 24plex | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |
| X7HTPK | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|----------------------|-------|---------|-----------|-------|-------|
| X7M4RJ | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| X7XALY | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| X8VKH2 | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| X93CGP | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | - |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | - | - | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | - | - | - | - |
| XAA634 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| XAFCQJ | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| XC6DGL | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|---------------------------------|-----------|---------|-----------|-----------|-------|
| XC8ZZL | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| XDUAJE | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| XFBW4F | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| XG3R9H | Identifiler® Direct | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| XM9V8A | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No result | | | No result | |
| XMG32C | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| XPDUUJ | Identifiler® Direct | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| XPPTKL | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |
| XQT7RE | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| XUD3BX | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| XUDTQT | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| XWFGMP | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| XWZEEA | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| XYK2JC | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| XZ2H6B | GlobalFiler™ Express | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| XZ3JYA | PowerPlex® Fusion 6C Direct | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| Y2J9AM | GlobalFiler™ (STRmixv2.4.06) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | - |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | - | - | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | - | - | - | - |
| Y4NYAB | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| Y6LQJG | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| Y8A9P9 | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| YAG2FV | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|---------|-------------------------|------------|------------|------------|-------|-------|
| YAJ6DX | Investigator® 24plex | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| YCDA6Q | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| YFATCV | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| YLF2J7 | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| Y LX9HP | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | | |
| YPXGNL | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | No Results | No Results | | |
| YQZHFN | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-----------------------------|------------|---------|-----------|------------|-------|
| YRTM24 | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |
| YVHKL9 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| YZRX38 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No results | | | No results | |
| Z2273J | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| Z3XJVD | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| Z4CEMH | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| Z644PM | Investigator® 24plex QS kit | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|-----------------------|-------|---------|-----------|-------|-------|
| Z98PJW | Investigator® 24plex | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ZBQT23 | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ZCABGZ | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| ZEAWXZ | Investigator® 24plex | | | | | |
| 1 | | | | | | |
| | | | | | | |
| ZG7NEX | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ZGXEVQ | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ZMD4B2 | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 1 - STR Results

| | | | | | | |
|--------|---------------------------------|------------|---------|-----------|-------|-------|
| ZP273F | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | NT |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | NT | NT | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | NT | NT | NR | |
| ZRWMWM | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ZVAVXM | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| ZWLABH | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| ZX237Q | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ZXK8PJ | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ZXMM2J | PowerPlex® Fusion, MiniFiler | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 1 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-----------------------------|-------|-------|-----------|-------|-------|
| 22CMKP | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 22QWDX | PowerPlex® Fusion 6C Direct | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 24MHAN | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 26XQFW | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 27AZ8E | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 27E4PM | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 29JVFF | GlobalFiler™, MiniFiler | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|--|-------|-------|-----------|-------|-------|
| 2DA92M | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 2JVFBE | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 2K2RMV | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 2PZQAE | PowerPlex® 16, Fusion 6C, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | 2 | |
| 2RX87K | PowerPlex® Fusion 5c | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 2THXP2 | ID+ | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| 2VMNUV | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|-------|-----------|-------|-------|
| 2XMT2W | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 2Z8HJN | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 32YJXV | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 374KGE | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 376P6G | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 39EQAN | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 3A9ETJ | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|----------------------|-------|-------|-----------|-------|-------|
| 3CZ8PT | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 3D4BBH | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 3DUU4H | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 3JQ69F | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 3K6RLN | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 3L6QVP | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 3LXF6J | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-----------------------------|-------|-------|-----------|-------|-------|
| 3MXJQ8 | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 3PPYFN | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 3QFA8G | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 3QLD8M | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 3RCK66 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 3RVBK6 | PowerPlex® Fusion 6C Direct | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 3TZPBC | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-----------------------|-------|-------|-----------|-------|-------|
| 3VCWZ6 | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 3YCXBZ | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 3Z4WJ8 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 42QP8F | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 42T7UE | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 43MUDA | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 48DD48 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|----------------------|------------|------------|------------|-------|------------|
| 49BZZP | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 4AY48W | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| 4CTWD2 | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 4DHCDB | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 4EV6EZ | Identifiler® Direct | | | | | |
| | | 17,24 | | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | | | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| 4HTQ73 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | not tested |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | not tested | not tested | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | not tested | not tested | 2 | |
| 4J9Q2H | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| 4JNQG2 | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 4JW49P | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 4KY8KL | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | N/A |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | N/A | 7,9.3 | 8,9 |
| | 14,16 | 10 | N/A | N/A | N/A | |
| 4MG4EW | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 4NKGJ7 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 4P4PZT | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 4PDAHV | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-----------------------|-------|-------|-----------|-------|-------|
| 4PX7QP | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 4QRU9K | GlobalFiler™ (STRMIX) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 4RJXTF | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 4T2Q6B | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 4UTXZ8 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 4VE2R9 | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 4YECN9 | GlobalFiler™ (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|----------------------|-------|-------|-----------|-------|-------|
| 4YU8ZV | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 4Z2QG4 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 4Z4FJE | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 4ZZT78 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 6662RH | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | NA |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | NA | 7,9.3 | 8,9 |
| | 14,16 | 10 | NA | NA | NA | |
| 66KNEJ | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 67BNYV | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-----------------------|-------|-------|-----------|-------|-------|
| 686CGQ | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 6A49QK | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 6BGV9Y | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 6E42WA | PowerPlex® 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 6E7NF9 | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 6FA7VJ | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 6GXK3H | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------|-------|-------|-----------|-------|-------|
| 6HRDXZ | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| 6K37AE | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 6M4VEM | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 6MRFLZ | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 6RM9GG | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 6UZKRT | PowerPlex® 21 | | | | | |
| | 12,17 | 17,24 | | 14,17 | 11,11 | 11,12 |
| 2 | 8,11 | 10,13 | | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| 6WV9EM | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------|-------|-------|-----------|-------|-------|
| 6ZX3GX | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 789PLJ | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 78N2CC | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 78NHGG | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 7ATT4P | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| 7CZJHE | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | NA |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | NA | 7,9.3 | 8,9 |
| | 14,16 | 10 | NA | NA | NA | |
| 7EKZLX | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|----------------------|-------|-------|-----------|-------|-------|
| 7FYUDE | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | NA |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | NA | 7,9.3 | 8,9 |
| | 14,16 | 10 | NA | NA | NA | |
| 7RHLKH | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 7TKC3C | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 7U89FW | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 7UZV6 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 7YB8ZF | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 838ZRP | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| 84M27D | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | NR |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | NR | NR | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | NR | NR | 2 | |
| 87VDME | GlobalFiler™ Express (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 88MLHC | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 8AV9HF | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 8B4VPN | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| 8C26UR | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 8C2YTE | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|-------|-----------|-------|-------|
| 8DR8QE | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 8ENHUC | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 8EQCJU | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 8HHPW | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| 8JUK44 | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 8KW4MF | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 8LKFC7 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|----------------------|-------|-------|-----------|-------|-------|
| 8MBBKE | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | NA |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | NA | 7,9.3 | 8,9 |
| | 14,16 | 10 | NA | NA | NA | |
| 8PC2BT | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 8PLLQB | VeriFiler Plus | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | 11,12 |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | | | | 2 | |
| 8PQKYW | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 8Q8F2R | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 8QHLUM | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 8TKWMB | VeriFiler Plus | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | 11,12 |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------|-------|-------|-----------|-------|-------|
| 8TRDAV | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 8UFFTJ | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 8W2GBC | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 8W6FRK | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 8WKC4Y | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 8XGJHK | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 8YHR3W | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|-------|-----------|-------|-------|
| 988X3M | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 98GL4U | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 99JLQU | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 9AJJH3 | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 9B6Y6K | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 9BY3K9 | PowerPlex® 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 9EKDPK | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| 9EZW8W | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 9G77QE | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 9HDKNU | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 9JCQZ | Investigator® 24plex (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 9Y6EFD | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| A4FUHA | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| A6Y8LK | PowerPlex® ESX 16 Fast | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | | |
| 2 | | 10,13 | 13,15 | 15,18 | | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | |
| | 21,22 | | | | 7,9.3 | |
| | 14,16 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|---------------------------------------|-------|-------|-----------|-------|-------|
| A8E7GV | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| A8JQ33 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| A8T77X | GlobalFiler™, Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| AAJTVK | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| ACUKH9 | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| ACVX2Z | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| ADT9TW | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-----------------------------|-------|-------|-----------|-------|-------|
| AEQXC7 | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| AETLV6 | GlobalFiler™ (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| AFLGHD | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| AH2776 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| AKQZXK | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| ALZJTU | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| AMG6PW | PowerPlex® Fusion 6C Direct | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-----------------------------|-------|-------|-----------|-------|-------|
| AMQYR6 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| AMTZXH | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| ANDJCP | PowerPlex® Fusion 6C Direct | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| ANQLYH | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| APHLXE | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| AT9R3X | GlobalFiler™ (TrueAllele) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| ATL2H6 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|----------------------|-------|-------|-----------|-------|-------|
| AX44VU | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| AYFDU2 | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| B2UPXN | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| B3EGCT | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| B6MMW9 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| B787AA | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| B8BYXY | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| B8F9VR | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| B8VM6L | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| B8XCAJ | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| BCPLFB | Investigator® 24plex (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| BKKKBQ | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| BLVHHB | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| BNCZ9C | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|----------------------|-------|-------|-----------|-------|-------|
| BQCBTZ | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| BR48HU | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| BTWUD8 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| BTXN2P | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| BUBTN8 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| BUW9BP | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| BVFJEC | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | NA |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | NA | 7,9.3 | 8,9 |
| | 14,16 | 10 | NA | NA | NA | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| BWY3ZU | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| BXM3UD | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| BY4QH6 | GlobalFiler™ Express (strmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| BZQ6B2 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| C3AV6Y | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| C3JZAW | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| C4PF82 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------|-------|-------|-----------|-------|-------|
| C6M9DR | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| C7YLYC | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| C7YULM | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| CATHAG | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| CB78GZ | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| CB927E | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| CBM7RC | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------|-------|-------|-----------|-------|-------|
| CCM9QB | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| CDV9J | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| CED9YQ | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| CGQNVQ | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| CHNYRT | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| CKBXM3 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | NT |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | NT | NT | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | NT | NT | 2 | |
| CKUL6X | NGM SElect | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | | |
| 2 | | 10,13 | 13,15 | 15,18 | | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | |
| | 14,16 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------------------|-------|-------|-----------|-------|-------|
| CL7ZM7 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| CLNBMT | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| CMHCQG | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| CTMDQB | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| CU2T9J | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| CU6WX9 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| CVC4YP | Investigator® 24plex QS, FlexPlex27 | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | 11,12 |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | N/A | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | N/A | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------|-------|-------|-----------|-------|-------|
| CWC69E | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| CWVX2B | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| D2ERU3 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| D2GABX | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| D83XJ4 | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| DCVX36 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| DDVLTG | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|-------|-----------|-------|-------|
| DETFNL | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| DF4DZH | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| DJKEK4 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| DJYG84 | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| DLPYMP | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| DQ2HQU | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| DRTVGM | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------|-------|-------|-----------|-------|-------|
| DTPA4F | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| DTPFA | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| DWK88D | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| DY4BPH | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| DY4F37 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| DYEQDK | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| DZRFMP | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| E3VU2M | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| E4ELHC | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| E6YWHB | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | - |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | - | |
| E7YM2D | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| E9Q7CY | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| EA4A4A | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| ECJXWT | PowerPlex® Fusion 6C Direct | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------|-------|-------|-----------|-------|-------|
| EE2VUD | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| EFUHKV | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | NR | 8,9 |
| | 14,16 | 10 | | | 2 | |
| EHGAED | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| EJ9PTA | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| EKC3WV | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| ENKTF6 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| EP2BWB | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-----------------------|-------|-------|-----------|-------|-------|
| EPMR4Q | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| EPN7NJ | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| EQJKFH | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| ERDGJH | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| ETGMQ7 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| ETMGKJ | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| ETMHNP | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| EU4M8N | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| EUE2AH | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| EUZZUG | PowerPlex® 21 | | | | | |
| | 12,17 | 17,24 | | 14,17 | 11,11 | 11,12 |
| 2 | 8,11 | 10,13 | | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| EZ6VL4 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| EZ7RP8 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| EZ8Y4F | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| F2V3U | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|----------------------|-------|-------|-----------|-------|-------|
| F4CFEM | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| F8KVHR | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| F8MKK4 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| F9FG6Q | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| FB6UZF | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| FDZN7K | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | NA |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | NA | 7,9.3 | 8,9 |
| | 14,16 | 10 | NA | NA | NA | |
| FF6W8V | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| FF9JK3 | VeriFiler Plus | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | 11,12 |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | | | | 2 | |
| FFCDTU | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| FFDUPL | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| FJQML7 | GlobalFiler™ Express (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| FKXFEE | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| FL2C6H | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| FMPV3A | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| FNWFJH | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| FQ48J7 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| FRKTGT | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| FU4HE7 | PowerPlex® ESX 17Fast | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | | |
| 2 | | 10,13 | 13,15 | 15,18 | | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | |
| | 14,16 | | | | | |
| FZM2KT | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| G6QLLV | GlobalFiler™ Express (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| G8FFLZ | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|----------------------------------|-------|-------|-----------|-------|-------|
| G8HL2E | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| GACPA2 | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| GAKUB9 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| GB4RUW | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| GBDXG7 | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| GC2GEX | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| GD6D8M | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------|-------|-------|-----------|-------|-------|
| GDJ9P4 | | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| GF7ZPC | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| GJ82PA | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| GK2CH9 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| GLCQU4 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| GLM49U | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| GN47HY | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|---|-------|-------|-----------|-------|-------|
| GT9Y9X | GlobalFiler™ (GeneMapper ID-X Software v 1.5) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| GTT6WA | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| GUV6LU | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| GVMTF6 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| GVWWWA | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| GZ2WGL | Investigator® 24plex GO! | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| H3WT2R | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|------------------------------------|-------|-------|-----------|-------|-------|
| H86VLG | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | NA |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | NA | 7,9.3 | 8,9 |
| | 14,16 | 10 | NA | NA | NA | |
| HBE87Y | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| HCECDB | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| HCKN8L | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| HDLREW | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| HE9ZV7 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| HEL3RZ | PowerPlex® Fusion 5C, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------------------|-------|-------|-----------|-------|-------|
| HEM4CX | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| HH6K3B | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| HH8G4U | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| HHDNLB | GlobalFiler™ (Sentry (BulletProof)) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| HHLF9X | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| HHQF7X | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| HHX9T4 | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|------------------------------------|-------|-------|-----------|-------|-------|
| HJ26MP | PowerPlex® Fusion 6C, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| HJQ3CC | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| HKH3B9 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| HM6V76 | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| HN9T3C | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| HNV4AK | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| HQ6AM3 | PowerPlex® Fusion 5c | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|---------------------------------------|-------|-------|-----------|-------|-------|
| HRH7C6 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| HTM9UN | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| HV8WWW | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| HW4BJN | GlobalFiler™, Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| HZMQ6U | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| J2DN2M | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| J2ZJWG | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|---------|----------------------------------|-------|-------|-----------|-------|-------|
| J3LNTR | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| J64G6N | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| J843QU | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| JB4PJ3 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| JCHQLA | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| JCND CJ | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| JDT8J4 | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-----------------------------|-------|-------|-----------|-------|-------|
| JEQD9A | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| JG67NG | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| JJGL7 | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| JNBA32 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| JNFMNC | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| JQ2B74 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| JQPHLM | PowerPlex® Fusion 6C Direct | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-----------------------|-------|-------|-----------|-------|-------|
| JRCPHY | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| JVG2BY | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| JW8ZRH | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| JXFTBD | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| JXHDD3 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| JXRYJV | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| K3PB7Z | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| K4YDXQ | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| K6EMXH | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| K6WRFG | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| K77PFR | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| K8LGV9 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| K8N4E8 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| K9KY4K | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|--|-------|-------|-----------|-------|-------|
| K9U43G | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| KBC43B | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| KCRQV6 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| KHXJNE | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| KK4EER | PowerPlex® Fusion 6C, GlobalFiler™, NGM SElect | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | 2 | |
| KKKYGV | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| KPC7JC | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-----------------------------|-------|-------|-----------|-------|-------|
| KREF6D | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| KTE7VU | PowerPlex® ESI 1712,17 | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | | |
| 2 | | 10,13 | 13,15 | 15,18 | | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | |
| | 14,16 | | | | | |
| KVLZJL | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| KXQNYC | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| KZC2FL | PowerPlex® Fusion 6C Direct | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| L27K3T | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| L8LAB6 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|--------------------------------|-------|-------|-----------|-------|-------|
| L8U3HP | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| L8VEFY | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| L9Y7Z7 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| LA37P7 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| LAJ8F3 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| LBEK3Z | GlobalFiler™ Express (STRmix™) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| LCBXPT | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-----------------------------|-------|-------|-----------|-------|-------|
| LCV3BJ | PowerPlex® Fusion 6C Direct | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| LDR92K | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| LE3CDN | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| LE4C9H | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| LK2E6W | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| LK6LHV | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| LKJK78 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|----------------------|------------|------------|------------|------------|------------|
| LKPJWC | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| LLBXXL | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | Not Tested |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | Not Tested | Not Tested | 22.2,28.2 | 7,9.3 | 8,9 |
| | {14,16} | 10 | Not Tested | Not Tested | 2 | |
| LLXP67 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| LMFCXR | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| LML3AN | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| LMVKXE | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | not tested |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | not tested | |
| LNFBZV | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| LP4CVG | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| LPCKMN | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| LPE87M | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| LR2WHN | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| LTY8AA | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| LUF3GC | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| LW36EP | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------|-------|-------|-----------|-------|-------|
| M2PXQB | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| M68WY4 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| M6NALB | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| M6RRTL | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| M79KMA | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| M88K9T | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| M9BYWF | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|----------------------|-------|-------|-----------|-------|-------|
| MAHRM3 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| MDYTKZ | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| ME9784 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| MEZQQ9 | PowerPlex® 21 | | | | | |
| | 12,17 | 17,24 | | 14,17 | 11,11 | 11,12 |
| 2 | 8,11 | 10,13 | | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| MFBM4Z | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| MHRR8H | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| MK7HLY | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| MK7L8N | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| MRME7Z | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| MU9ZW3 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| MWRM6B | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| MYJQ6X | GlobalFiler™ Express (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| MZANPW | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| N24HTQ | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| N6MR8C | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| N79W6N | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| N87Z36 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| N8QQXB | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| NBMFF4 | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| NCY6TN | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| ND22T6 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-----------------------|-------|-------|-----------|-------|-------|
| NHPCHN | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| NMGLJA | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| NMKBN8 | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| NMWJGM | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| NPKVHD | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| NPM4NX | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| NVMPZE | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|----------------------|-------|-------|-----------|-------|-------|
| NW8ZRM | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| NWJ7JG | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| NWWUD4 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| NXP2M2 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| P22C94 | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| P4Y4R2 | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| P78TYY | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------|-------|-------|-----------|-------|-------|
| P7YHXD | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| PA762Q | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| PB9P76 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| PCWWZV | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| PE6Q3M | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| PFFVDP | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| PJXU37 | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|-------|-----------|-------|-------|
| PLNV9U | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | NT |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | NT | NT | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | NT | NT | 2 | |
| PMTCUK | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| PT6QR6 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| PTGKAP | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| PUFJW6 | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| PVB78M | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| PVQAX9 | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-----------------------|-------|-------|-----------|-------|-------|
| PXWXB | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| PZRXL2 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| Q2CQXP | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| Q62GJ9 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| Q7UHC4 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| Q7YJE6 | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| QBXH2N | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| QDG9WD | PowerPlex® Fusion 6C Direct | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| QEQZ49 | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| QFAVU2 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| QFHV4Y | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| QGP49V | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| QHGL9Q | PowerPlex® Fusion 6C Direct | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| QHMZT6 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|----------------------------------|-------|-------|-----------|-------|-------|
| QHXGQX | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| QHZ4AW | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| QJDM7M | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| QK23DA | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| QKR69T | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| QPMEFQ | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| QQ8DBP | PowerPlex® 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|----------------------|-------|-------|-----------|-------|-------|
| QTYTYK | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| QWWELG | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| QYDQ36 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| QYR887 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| QZ7RXV | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| QZLRJR | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| QZWK6T | PowerPlex® 21 | | | | | |
| | 12,17 | 17,24 | | 14,17 | 11 | 11,12 |
| 2 | 8,11 | 10,13 | | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|----------------------|-------|-------|-----------|-------|-------|
| R2TUZ2 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| R6UTEZ | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| R7PD2Y | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| RCCGEQ | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| RCUBUC | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| RDLBP3 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| RDNYC8 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-----------------------------|-------|-------|-----------|-------|-------|
| RFA4P7 | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| RFUYBV | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| RJABCP | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| RJKAX8 | PowerPlex® Fusion 6C Direct | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| RKNFMD | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| RKRUJM | PowerPlex® Fusion 6c | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| RLHK6L | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| RN27RW | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| RNXQCB | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| RWFKK8 | PowerPlex® 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| RWZZAA | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| RXL67L | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| RXNUBJ | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| RXZLZ2 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------|-------|-------|-----------|-------|-------|
| RZPCH7 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| T4J99C | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| T4TQ3V | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| T6EMYB | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| TBFB4V | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| TBWUZA | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| TCJER7 | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|----------------------|-------|-------|-----------|-------|-------|
| TEQB4H | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| TEZ4CH | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| TFMNQA | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| TFQPRG | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| THY9YA | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| TJ7AJ3 | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| TKDLBC | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------|-------|-------|-----------|-------|-------|
| TLQD29 | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| TLXMLZ | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| TLYB96 | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| TMN6Q2 | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| TMZTJU | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | NA |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | NA | 7,9.3 | 8,9 |
| | 14,16 | 10 | NA | NA | NA | |
| TNFHXL | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| TR8P23 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|----------------------|-------|-------|-----------|-------|-------|
| TTHN2C | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| TTREQ3 | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| TWEXV7 | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| TYDXN6 | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | NA |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | NA | 7,9.3 | 8,9 |
| | 14,16 | 10 | NA | NA | NA | |
| TZL8G3 | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| U2XP9R | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| U6FRDC | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|--------------------------------------|-------|-------|-----------|-------|-------|
| UBN9TR | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| UCGF2Q | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| UCJ4KP | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| UD2Q3P | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| UH9EHC | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| UJJDHM | PowerPlex® Fusion, VERIFILER Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | 11,12 |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| UKATY6 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-----------------------------|-------|-------|-----------|-------|-------|
| ULE7Z7 | Investigator® 24plex GO! | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| ULTRBT | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| UMXQHA | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| UNZHMZ | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| URF2L7 | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| UTN68G | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| UXUYN6 | PowerPlex® Fusion 6C Direct | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|----------------------|-------|-------|-----------|-------|-------|
| UYRJX8 | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| UZ2CKY | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| V2UW2Q | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| V3P8PJ | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | - |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | - | - | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | - | - | 2 | |
| V62HEQ | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| V6KG82 | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| V6PGE2 | PowerPlex® 21 | | | | | |
| | 12,17 | 17,24 | | 14,17 | 11,11 | 11,12 |
| 2 | 8,11 | 10,13 | | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|-------|-----------|-------|-------|
| V84KP7 | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| V8GE8R | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| V8QH6X | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| V9ZAXU | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| VAUC6N | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| VBHPDM | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| VCKBL8 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------|------------|------------|------------|-------|------------|
| VEMYH4 | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| VG7K7E | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| VG9AAB | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | Not Tested |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | Not Tested | Not Tested | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | Not Tested | Not Tested | 2 | |
| VG9VWV | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| VH4Y3Q | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| VJKULH | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| VP3VDA | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-----------------------|-------|-------|-----------|-------|-------|
| VP6GDV | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| VRTZAM | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| VYHW8W | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| W6BQ9B | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| W6CWW3 | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| W6VC7J | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| W7KVLY | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|-------|-----------|-------|-------|
| W8PZQZ | PowerPlex® Fusion 5c (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| W94F98 | PowerPlex® Fusion 6C Direct | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| W9KEHY | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| WALBE2 | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| WAU2TU | PowerPlex® ESI 17 Fast (LR Mix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | | |
| 2 | | 10,13 | 13,15 | 15,18 | | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | |
| | 14,16 | | | | | |
| WK8TBZ | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| WLWBQF | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| WMNXEH | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| WN9FTP | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| WWM34E | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| WXG9JQ | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| WXVBVL | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| WXX4QD | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| X2LWTL | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | NA |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | NA | 7,9.3 | 8,9 |
| | 14,16 | 10 | NA | NA | NA | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|----------------------|-------|-------|-----------|-------|-------|
| X3NVBF | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| X3YW3F | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| X4YKUR | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| X6NGY7 | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| X7HTPK | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| X7M4RJ | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| X7XALY | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|-------|-----------|-------|-------|
| X8VKH2 | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| X93CGP | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | - |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | - | - | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | - | - | 2 | |
| XAA634 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| XAFCQJ | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| XC6DGL | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| XC8ZZL | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| XDUAJE | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|----------------------|-------|-------|-----------|-------|-------|
| XFBW4F | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| XG3R9H | Identifiler® Direct | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| XM9V8A | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| XMG32C | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| XPDUUJ | Identifiler® Direct | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| XPPTKL | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| XQT7RE | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| XUD3BX | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| XUDTQT | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| XWFGMP | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| XWZEEA | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| XYK2JC | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| XZ2H6B | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| XZ3JYA | PowerPlex® Fusion 6C Direct | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| Y2J9AM | GlobalFiler™ (STRmixv2.4.06) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | - |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | - | - | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | - | - | 2 | |
| Y4NYAB | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| Y6LQJG | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| Y8A9P9 | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| YAG2FV | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| YAJ6DX | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| YCDA6Q | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-------------------------|-------|-------|-----------|-------|-------|
| YFATCV | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| YLF2J7 | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| YLX9HP | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| YPXGNL | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| YQZHFN | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| YRTM24 | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| YVHKL9 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|--------------------------|-------|-------|-----------|-------|-------|
| YZRX38 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| Z2273J | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| Z3XJVD | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| Z4CEMH | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| Z644PM | PowerPlex® Fusion 6C kit | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| Z98PJW | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| ZBQT23 | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|-----------------------|-------|-------|-----------|-------|-------|
| ZCABGZ | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| ZEAWXZ | Investigator® 24plex | | | | | |
| 2 | | | | | | |
| ZG7NEX | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| ZGXEVQ | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| ZMD4B2 | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| ZP273F | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | NT |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | NT | NT | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | NT | NT | 2 | |
| ZRWMWM | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 2 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|-------|-----------|-------|-------|
| ZVAVXM | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| ZWLABH | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| ZX237Q | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| ZXK8PJ | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| ZXMM2J | GlobalFiler™ Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 2 | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3 - STR Results

| | | | | | | |
|--------|---------------------------------|-------------|----------------|-----------------------|-------------|--------------|
| 2RX87K | Investigator® 24plex QS | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3 | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,[32.2] | 15,15 | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | 10 | | | | |
| 2THXP2 | ID+ | | | | | |
| | | 16,17,23,24 | | 14,15,16,17 | 10,11 | |
| 3 | 8,11,12 | 10,12,13 | | | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,13,14,15 | 28,29,30,32.2 | | X,Y | 10,11,12 |
| | 20,21,22 | | | | 6,7,9.3 | 8,9 |
| | 14,16,17 | | | | | |
| 32YJXV | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| 4EV6EZ | Identifiler® Plus | | | | | |
| | | 16,17,23,24 | | 14,15,16,17 | 10,11 | |
| 3 | 8,11,12 | 10,12,13 | | | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,13,14,15 | 28,29,30,32.2 | | X,Y | 10,11,12 |
| | 20,21,22 | | | | 6,7,9.3 | 8,9 |
| | 14,16,17 | | | | | |
| 4KY8KL | PowerPlex® Fusion 5C, MiniFiler | | | | | |
| | INC | INC | INC | INC | INC | N/A |
| 3 | INC | INC | INC | INC | INC | INC |
| | INC | INC | INC | INC | INC | INC |
| | INC | INC | INC | N/A | INC | INC |
| | INC | INC | N/A | N/A | N/A | |
| 4P4PZT | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,17,22 | 12,14,15 | 25,28,30,32.2 | 15 | X,Y | 10,12 |
| | 20,21,22 | | | 18,22.2,27.2 | 6,7,9.3 | 8,9 |
| | 16,17 | 10 | | | 2 | |
| 6662RH | PowerPlex® Fusion 5C | | | | | |
| | INC | INC | INC | INC | INC | NA |
| 3 | INC | INC | INC | INC | INC | INC |
| | INC | INC | INC | INC | INC | INC |
| | INC | INC | INC | NA | INC | INC |
| | INC | INC | NA | NA | NA | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3 - STR Results

| | | | | | | |
|--------|----------------------|-------------|---------------|-------------------|---------|----------|
| 6A49QK | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| 6HRDXZ | Identifiler® Plus | | | | | |
| | | 16,17,23,24 | | 14,15,16,17 | 10,11 | |
| 3 | 8,11,12 | 10,12,13 | | | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,13,14,15 | 28,29,30,32.2 | | X,Y | 10,11,12 |
| | 20,21,22 | | | | 6,7,9.3 | 8,9 |
| | 14,16,17 | | | | | |
| 7CZJHE | PowerPlex® Fusion 5C | | | | | |
| | INC | INC | INC | INC | INC | NA |
| 3 | INC | INC | INC | INC | INC | INC |
| | INC | INC | INC | INC | INC | INC |
| | INC | INC | INC | NA | INC | INC |
| | INC | INC | NA | NA | NA | |
| 7FYUDE | PowerPlex® Fusion 5C | | | | | |
| | INC | INC | INC | INC | INC | NA |
| 3 | INC | INC | INC | INC | INC | INC |
| | INC | INC | INC | INC | INC | INC |
| | INC | INC | INC | NA | INC | INC |
| | INC | INC | NA | NA | NA | |
| 7TKC3C | PowerPlex® Fusion | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| 8AV9HF | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| 8HHPW | Identifiler® Plus | | | | | |
| | | 16,17,23,24 | | 14,15,16,17 | 10,11 | |
| 3 | 8,11,12 | 10,12,13 | | | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,13,14,15 | 28,29,30,32.2 | | X,Y | 10,11,12 |
| | 20,21,22 | | | | 6,7,9.3 | 8,9 |
| | 14,16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3 - STR Results

| | | | | | | |
|--------|-------------------------------|-------------|------------------|-------------------|---------|----------|
| 8MBBKE | PowerPlex® Fusion 5C | | | | | |
| | INC | INC | INC | INC | INC | NA |
| 3 | INC | INC | INC | INC | INC | INC |
| | INC | INC | INC | INC | INC | INC |
| | INC | INC | INC | NA | INC | INC |
| | INC | INC | NA | NA | NA | |
| 8WKC4Y | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 16,17,24 | 10,11,12,14 | 14,15,17 | 10,11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,29,30,32.2 | 14,15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| 9JCQZ | Investigator® 24plex (STRMIX) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| ADT9TW | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| AEQXC7 | PowerPlex® 16 | | | | | |
| | | | | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | | | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | | 28,30,32.2 | | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | | 6,7,9.3 | 8,9 |
| | 14,16,17 | | | | | |
| AYFDU2 | PowerPlex® Fusion, MiniFiler | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| BCPLFB | Investigator® 24plex (STRMix) | | | | | |
| | 12,13,17 | 16,17,23,24 | 10,11,12,14 | 13,14,15,16,17 | 10,11 | |
| 3 | 8,10,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 27,28,29,30,32.2 | 14,15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,15,16,17 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3 - STR Results

| | | | | | | |
|--------|-----------------------|-------------|---------------|-------------------|---------|----------|
| BVFJEC | PowerPlex® Fusion 5C | | | | | |
| | INC | INC | INC | INC | INC | NA |
| 3 | INC | INC | INC | INC | INC | INC |
| | INC | INC | INC | INC | INC | INC |
| | INC | INC | INC | NA | INC | INC |
| | INC | INC | NA | NA | NA | |
| CHNYRT | Identifiler® Plus | | | | | |
| | | 16,17,23,24 | | 14,15,16,17 | 10,11 | |
| 3 | 8,11,12 | 10,12,13 | | | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,13,14,15 | 28,29,30,32.2 | | X,Y | 10,11,12 |
| | 20,21,22 | | | | 6,7,9.3 | 8,9 |
| | 14,16,17 | | | | | |
| CKUL6X | NGM SElect | | | | | |
| | 12,13 | 17,17 | 10,14 | 15,17 | | |
| 3 | | 10,13 | 13,14 | 18,19 | | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15,15 | X,X | |
| | 20,21 | | | 18,27.2 | 6,6 | |
| | 16,17 | | | | | |
| CLNBMT | Identifiler® Plus | | | | | |
| | | 16,17,23,24 | | 14,15,16,17 | 10,11 | |
| 3 | 8,11,12 | 10,12,13 | | | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,13,14,15 | 28,29,30,32.2 | | X,Y | 10,11,12 |
| | 20,21,22 | | | | 6,7,9.3 | 8,9 |
| | 14,16,17 | | | | | |
| CWVX2B | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| DETFNL | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| E9Q7CY | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3 - STR Results

| | | | | | | |
|--------|---------------------------------|-------------|---------------|-------------------|---------|----------|
| ENKTF6 | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| ERDGJH | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,15 | 28,30,32.2 | 15 | X,Y | 10,12 |
| | 20,21,22 | | | 18,22.2,27.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| F2V3U | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,11,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| FDZN7K | PowerPlex® Fusion 5C | | | | | |
| | INC | INC | INC | INC | INC | NA |
| 3 | INC | INC | INC | INC | INC | INC |
| | INC | INC | INC | INC | INC | INC |
| | INC | INC | INC | NA | INC | INC |
| | INC | INC | NA | NA | NA | |
| H86VLG | PowerPlex® Fusion 5C, MiniFiler | | | | | |
| | INC | INC | INC | INC | INC | NA |
| 3 | INC | INC | INC | INC | INC | INC |
| | INC | INC | INC | INC | INC | INC |
| | INC | INC | INC | NA | INC | INC |
| | INC | INC | NA | NA | NA | |
| HRH7C6 | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| J2DN2M | Identifiler® Plus | | | | | |
| | | 16,17,23,24 | | 14,15,16,17 | 10,11 | |
| 3 | 8,11,12 | 10,12,13 | | | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,13,14,15 | 28,29,30,32.2 | | X,Y | 10,11,12 |
| | 20,21,22 | | | | 6,7,9.3 | 8,9 |
| | 14,16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3 - STR Results

| | | | | | | |
|--------|---------------------------------|-------------|---------------|-----------------------|-----------|--------------|
| KBC43B | Identifiler® Plus | | | | | |
| | | 16,17,23,24 | | 14,15,16,17 | 10,11 | |
| 3 | 8,11,12 | 10,12,13 | | | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,13,14,15 | 28,29,30,32.2 | | X,Y | 10,11,12 |
| | 20,21,22 | | | | 6,7,9.3 | 8,9 |
| | 14,16,17 | | | | | |
| L27K3T | PowerPlex® Fusion 6C | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11,11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| M6RRTL | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| MFBM4Z | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| MRME7Z | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| PMTCUK | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| QFHV4Y | GlobalFiler™ | | | | | |
| | 12,[13],17 | 17,24 | 10,12,[14] | 14,[15],17 | 11 | |
| 3 | 8,11,[12] | 10,13 | 13,[14],15 | 15,18,[19] | [9],11,12 | [11],[12],13 |
| | 14,15,[17],[22] | [12],14,15 | 28,30,[32.2] | 15,16 | X,Y | [10],11,12 |
| | [20],21,22 | | | [18],22.2,[27.2],28.2 | [6],7,9.3 | 8,9 |
| | 14,16,[17] | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3 - STR Results

| | | | | | | |
|--------|-------------------------------|-------------|---------------|-------------------|---------|----------|
| QGP49V | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| QZ7RXV | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| TMZTJU | PowerPlex® Fusion 5C | | | | | |
| | INC | INC | INC | INC | INC | NA |
| 3 | INC | INC | INC | INC | INC | INC |
| | INC | INC | INC | INC | INC | INC |
| | INC | INC | INC | NA | INC | INC |
| | INC | INC | NA | NA | NA | |
| TYDXN6 | PowerPlex® Fusion 5C | | | | | |
| | INC | INC | INC | INC | INC | NA |
| 3 | INC | INC | INC | INC | INC | INC |
| | INC | INC | INC | INC | INC | INC |
| | INC | INC | INC | NA | INC | INC |
| | INC | INC | NA | NA | NA | |
| UCGF2Q | PowerPlex® Fusion, MiniFiler | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| W7KVLV | Identifiler® Plus | | | | | |
| | | 16,17,23,24 | | 14,15,16,17 | 10,11 | |
| 3 | 8,11,12 | 10,12,13 | | | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,13,14,15 | 28,29,30,32.2 | | X,Y | 10,11,12 |
| | 20,21,22 | | | | 6,7,9.3 | 8,9 |
| | 14,16,17 | | | | | |
| WK8TBZ | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3 - STR Results

| | | | | | | |
|--------|---------------------------------|----------|------------|-------------------|---------|----------|
| WWM34E | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| WXG9JQ | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| X2LWTL | PowerPlex® Fusion 5C, MiniFiler | | | | | |
| | INC | INC | INC | INC | INC | NA |
| 3 | INC | INC | INC | INC | INC | INC |
| | INC | INC | INC | INC | INC | INC |
| | INC | INC | INC | NA | INC | INC |
| | INC | INC | NA | NA | NA | |
| XC6DGL | PowerPlex® Fusion | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| XPPTKL | PowerPlex® Fusion | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| XWFGMP | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| Y8A9P9 | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3 | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|------------|--------------------|-----------------------|---------------|-----------------|
| 22CMKP | PowerPlex® Fusion 5C | | | | | |
| | 12,13,[17] | 17,17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8],[11],12,12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,15,[16] | X,X / [X,Y] | 10,10,[11],[12] |
| | 20,21,[22] | 10,12,[13] | 5,[10],[13],14 | | 6,6,[7],[9.3] | 8,8,[9] |
| | [14],16,17 | [10] | | | | |
| 22QWDX | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 11,12,13,17 | 16,17 | 10,14 | 14,15,16,17 | 10,11 | |
| 3e | 11,12 | 10,12,13 | 12,13,14 | 17,18,19 | 9,10,11,12 | 10,11,12,13 |
| | 14,16,17,21,22 | 12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X | 9,10,11 |
| | 20,21 | 10,12 | 5,10,13,14 | 17,18,26.2,27.2 | 6,9.3 | 8 |
| | 15,16,17 | | | | | |
| 24MHAN | Investigator® 24plex (STRMix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21 | | | 18,27.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | | | | | |
| 26XQFW | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| 27AZ8E | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| 27E4PM | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | 10 | | | 2 | |
| 2DA92M | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|--|----------|------------|-------------------|---------|----------|
| 2JVFBE | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| 2K2RMV | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| 2PZQAE | PowerPlex® 16, Fusion 6C, GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | 2 | |
| 2VMNUV | GlobalFiler™ | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X,X | 10 |
| | 20,21 | | | 18,27.2 | 6 | 8 |
| | 16,17 | NM | | | NM | |
| 2XMT2W | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 16,17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,17,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| 2Z8HJN | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| 374KGE | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X,X | 10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6 | 8 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|------------|----------------|-----------------------|---------------|-----------------|
| 376P6G | GlobalFiler™ (STRMix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,12 |
| | 20,21,22 | | | 18,27.2,28.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |
| 39EQAN | PowerPlex® Fusion 5C | | | | | |
| | 12,13,(17) | 17,17,(24) | 10,(12),14 | (14),15,17 | 11,11 | |
| 3e | (8),(11),12,12 | 10,13 | 13,14,(15) | (15),18,19 | 9,11,(12) | 11,12,(13) |
| | (14),(15),17,22 | 12,(14),15 | (28),30,32.2 | 15,15,(16) | X,X / (X,Y) | 10,10,(11),(12) |
| | 20,21,(22) | 10,12,(13) | 5,(10),(13),14 | | 6,6,(7),(9.3) | 8,8,(9) |
| | (14),16,17 | (10) | | | | |
| 3A9ETJ | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3e | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 3CZ8PT | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| 3D4BBH | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 15,17 | 11,11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,15 | X,Y | 10,10 |
| | 20,21 | | | 18,22.2,27.2,28.2 | 6,7 | 8,8 |
| | 16,17 | 10 | | | 2 | |
| 3DUU4H | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| 3JQ69F | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|------------|--------------|-----------------------|-------------|--------------|
| 3K6RLN | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| 3L6QVP | Investigator® 24plex (STRmix) | | | | | |
| | 12,13 | 17,24 | 10,14 | 14,15,17 | 11,11 | |
| 3e | 11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,X | 10,11,12 |
| | 20,21 | | | 18,22.2,27.2 | 6,9.3 | 8,9 |
| | 14,16,17 | | | | | |
| 3LXF6J | GlobalFiler™ | | | | | |
| | 12,13 | 17,17 | 10,12,14 | 14,15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,14,15 | 30,32.2 | 15,16 | X,X | 10,10 |
| | 20,21,22 | | | 18,27.2 | 6,7,9.3 | 8,8 |
| | 16,17 | - | | | - | |
| 3MXJQ8 | (STRMix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,16,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 14,15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| 3PPYFN | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,Y | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | 10 | | | 2 | |
| 3QFA8G | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 10,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| 3QLD8M | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|------------|-----------------|------------------------|-------------|-------------|
| 3RCK66 | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| 3RVBK6 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 11,12,13,17 | 16,17,24 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 10,12,13 | 13,14,15 | 15,17,18,19 | 9,10,11,12 | 10,11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 19,20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,26.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,15,16,17 | 10 | 20 | 16 | | |
| 3TZPBC | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| 3VCWZ6 | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| 3YCXBZ | PowerPlex® Fusion 6C | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,15 | [28],30,32.2 | 15,15 | X,[Y] | 10,[12] |
| | 20,21 | 10,12,[13] | 5,[10],14 | 18,[22.2],27.2 | 6,[7],[9.3] | 8,8 |
| | [14],16,17 | [10] | [20] | | | |
| 3Z4WJ8 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| 42QP8F | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|---|------------|---------------|-------------------|---------------|-----------------|
| 42T7UE | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |
| 43MUDA | PowerPlex® Fusion 6C | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6 | 8 |
| | 16,17 | | | | | |
| 48DD48 | PowerPlex® Fusion 6C (STRmix - e fraction only) | | | | | |
| | 12,13 | 17,17 | 10,14 | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15,15 | X,X | 10,10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6,6 | 8,8 |
| | 16,17 | | | | | |
| 49BZZP | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,29,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12 | 5,10,13,14 | 18,22.2,27.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| 4AY48W | Identifiler® Plus | | | | | |
| | | 17,17,(24) | | (14),15,17 | 11,11 | |
| 3e | (8),12,12 | 10,13 | | | 9,11,(12) | 11,12,(13) |
| | (14),(15),17,22 | 12,15 | (28),30,32.2 | | X,X,Y | 10,10,(11),(12) |
| | 20,21,(22) | | | | 6,6,(7),(9.3) | 8,8,(9) |
| | (14),16,17 | | | | | |
| 4CTWD2 | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| 4DHCDB | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,12,14 | 14,15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|---------------------------------|------------|----------------|------------------------|--------------|---------------|
| 4HTQ73 | GlobalFiler™ | | | | | |
| | 12,13,[17]* | 17,[24]* | 10,[12],14* | [14],15,17 | 11 | not tested |
| 3e | [8],[11],12 | 10,13 | 13,14,[15]* | [15],18,19* | 9,11,[12]* | 11,12,[13]* |
| | [14],[15],17,22* | 12,[14],15 | [28],30,32.2* | 15 | X,[Y]* | 10,[11],[12]* |
| | 20,21,[22]* | not tested | not tested | 18,[22.2],27.2,[28.2]* | 6,[7],[9.3]* | 8,[9]* |
| | [14],16,17* | [10]* | not tested | not tested | [2] | |
| 4J9Q2H | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,27.2,[28.2] | 6,[7,9.3] | 8 |
| | [14],16,17 | ND | | | 2 | |
| 4JNQG2 | PowerPlex® Fusion 5C | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | 15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12,[13] |
| | [14],[15],17,22 | 12,15 | [28],30,32.2 | 15 | X,X | 10,[12] |
| | 20,21 | 10,12,[13] | 5,[10],[13],14 | | 6 | 8 |
| | [14],16,17 | | | | | |
| 4JW49P | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17 | 10,12,14 | 14,15,17 | 10,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| 4MG4EW | PowerPlex® Fusion 6C | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| 4NKGJ7 | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| 4PDAHV | PowerPlex® Fusion (STRmix v2.7) | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X,Y | 10 |
| | 20,21 | 10,12 | 5,14 | | 6 | 8 |
| | 16,17 | INC | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|------------|--------------|-----------------------|-------------|--------------|
| 4PX7QP | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| 4QRU9K | GlobalFiler™ (STRMIX) | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14,15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11,12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7,9.3] | 8,[9] |
| | [14],16,17 | 10 | | | 2 | |
| 4RJXTF | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| 4T2Q6B | GlobalFiler™ (STRmix 2.7.0) | | | | | |
| | 12,13,17 | 17 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8 |
| | 14,16,17 | | | | 2 | |
| 4UTXZ8 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| 4VE2R9 | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 11,12 | 10,13 | 13,14 | 18,19 | 9,11,12 | 11,12 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,12 |
| | 20,21,22 | | | 18,27.2 | 6,7,9.3 | 8 |
| | 16,17 | | | | | |
| 4YECN9 | GlobalFiler™ (STRMix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|----------|------------|-------------------|---------|----------|
| 4YU8ZV | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| 4Z2QG4 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| 4Z4FJE | GlobalFiler™ (STRmix v2.5) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| 4ZZT78 | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| 66KNEJ | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,17 | 10,12,14 | 14,15,17 | 11,11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,15 | 28,30,32.2 | 15,15 | X,Y | 10,11 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,9.3 | 8,8 |
| | 14,16,17 | 10 | | | 2 | |
| 67BNYV | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| 686CGQ | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|----------|------------|-------------------|---------|----------|
| 6BGV9Y | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 16,17,24 | 10,12,14 | 14,15,17 | 10,11 | |
| 3e | 8,11,12 | 10,12,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 14,15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| 6E42WA | PowerPlex® 5C | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | | 6 | 8 |
| | 16,17 | - | | | | |
| 6E7NF9 | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| 6FA7VJ | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| 6GXK3H | GlobalFiler™ (STRmix v2.4.06) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| 6K37AE | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| 6M4VEM | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|----------------------------------|------------|--------------|-----------------------|-------------|---------------|
| 6MRFLZ | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,13 |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| 6RM9GG | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 12,13,14,15 | 15,18,19 | 9,11 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| 6UZKRT | PowerPlex® 21 | | | | | |
| | 12,13,[17] | 17,[24] | | 15,17 | 11,11 | [11,12],14,18 |
| 3e | [8],12 | 10,13 | | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14,15],17,22 | 12,15 | [28],30,32.2 | | X,[Y] | 10,[11,12] |
| | 20,21,[22] | 10,12,[13] | 5,[10,13],14 | | 6,[9.3] | 8,[9] |
| | [14],16,17 | | | | | |
| 6WV9EM | Investigator® 24plex QS | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11,11 | |
| 3e | 8,11,12 | 10,13 | 13,14 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 30,32.2 | 15,15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| 6ZX3GX | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 14,15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| 789PLJ | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| 78N2CC | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8,11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14,15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11,12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7,9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|--------------------------------------|------------|----------------|-----------------------|---------------|-----------------|
| 78NHGG | GlobalFiler™ (STRmix version 2.4.06) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| 7ATT4P | PowerPlex® Fusion (STRmix v.2.7) | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | | 6 | 8 |
| | 16,17 | INC | | | | |
| 7EKZLX | PowerPlex® Fusion 5C | | | | | |
| | 12,13,[17] | 17,17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [11],12,12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,15,[16] | X,X / [X,Y] | 10,10,[11],[12] |
| | 20,21,[22] | 10,12,[13] | 5,[10],[13],14 | | 6,6,[7],[9.3] | 8,8,[9] |
| | [14],16,17 | [10] | | | | |
| 7RHLKH | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X | 10,11,12 |
| | 20,21 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | | | | |
| 7U89FW | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| 7UZV6 | PowerPlex® Fusion 6C (STRmix v 2.8) | | | | | |
| | 12,13 | 17,17 | 10,14 | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15,15 | X,X | 10,10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6,6 | 8,8 |
| | 16,17 | | | | | |
| 7YB8ZF | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8,11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14,15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11,12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7,9.3] | 8 |
| | [14],16,17 | ND | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|--------------------------------|------------|--------------|-----------------------|-------------|--------------|
| 838ZRP | PowerPlex® Fusion (STRMix) | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | | 6 | 8 |
| | 16,17 | INC | | | | |
| 84M27D | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | NR |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,12 |
| | 20,21,22 | NR | NR | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | NR | NR | 2 | |
| 87VDME | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17 | 10,12,14 | 15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| 88MLHC | PowerPlex® Fusion 6C | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| 8B4VPN | PowerPlex® Fusion (STRmix 2.7) | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | | 6 | 8 |
| | 16,17 | INC | | | | |
| 8C26UR | Investigator® 24plex (STRMix) | | | | | |
| | 12,13,17 | 16,17,24 | 10,12,14 | 14,15,17 | 10,11 | |
| 3e | 8,11,12 | 10,13 | 12,13,14,15 | 15,17,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 14,15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| 8C2YTE | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,15 | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|---------------------------------|-------------|--------------------|---------------------------|--------------|-----------------|
| 8DR8QE | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,10 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,8 |
| | 16,17 | 10 | | | 2 | |
| 8JUK44 | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6 | 8 |
| | 16,17 | | | | | |
| 8KW4MF | PowerPlex® Fusion 6C | | | | | |
| | 12,13 | 17,17 | 10,14 | [14],15,17 | 11,11 | |
| 3e | [11],12 | 10,13 | 13,14,[15] | 18,19 | 9,11 | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,15 | X,X | 10,10 |
| | 20,21,[22] | 10,12 | 5,[10],[13],14 | 18,27.2,[28.2] | 6,[9.3] | 8,8 |
| | [14],16,17 | 10 | No Results | No Results | | |
| 8LKFC7 | PowerPlex® Fusion 6C | | | | | |
| | 12,13 | 17,17 | 10,14 | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15,15 | X,X | 10,10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6,6 | 8,8 |
| | 16,17 | | | | | |
| 8PC2BT | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8,11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14,15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],12 |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7,9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| 8PLLQB | VeriFiler Plus | | | | | |
| | 12,13,(17) | 17,(24) | 10,(12),14 | (14),15,17 | 11 | (11),(12),14,18 |
| 3e | (8),(11),12 | 10,13 | 13,14,(15) | (15),18,19 | 9,11,(12) | 11,12,(13) |
| | (14),(15),17,22 | 12,(14),15 | (28),30,32.2 | 15,(16) | X,(Y) | 10,(11),(12) |
| | 20,21,(22) | 10,12,(13) | 5,(10),(13),14 | | 6,(7),(9.3) | 8,(9) |
| | (14),16,17 | | | | (2) | |
| 8PQKYW | GlobalFiler™ (STRMix) | | | | | |
| | 11,12,13,17 | 16,17,24 | 9,10,12,13,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 9,10,12,13 | 12,13,14,15 | 15,17,18,19 | 8,9,10,11,12 | 10,11,12,13 |
| | 14,15,16,17,21,22 | 11,12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 19,20,21,22 | | | 17,18,22.2,26.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,15,16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|--------------|----------------|-----------------------|-------------|-----------------|
| 8Q8F2R | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| 8QHLUM | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[23],[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| 8TKWMB | VeriFiler Plus | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | [11],[12],14,18 |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | 10,12,[13] | 5,[10],[13],14 | | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | | | | 2 | |
| 8TRDAV | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| 8UFFTJ | PowerPlex® Fusion 5C | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,X / X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| 8W2GBC | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |
| 8W6FRK | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 16,17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,15 | 28,29,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12 | 5,10,13,14 | 18,22.2,27.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|---------------------------------|-------------|--------------------|-----------------------|---------------|-----------------|
| 8XGJHK | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |
| 8YHR3W | Investigator® 24plex QS | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| 988X3M | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| 98GL4U | Investigator® 24plex (STRMix) | | | | | |
| | 11,12,13,17 | 16,17 | 9,10,12,13,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 9,10,12,13 | 12,13,14,15 | 17,18,19 | 8,9,10,11,12 | 10,11,12,13 |
| | 14,15,17,22 | 11,12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 19,20,21,22 | | | 17,18,26.2,27.2,28.2 | 5,6,7,9.3 | 7,8,9 |
| | 14,15,16,17 | 10 | | | | |
| 99JLQU | PowerPlex® Fusion 6C | | | | | |
| | 12,13,[17] | 17,17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8],[11],12,12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,15 | XX,[Y] | 10,10,[11],[12] |
| | 20,21,[22] | 10,12,[13] | 5,[10],14 | 18,[22.2],27.2,[28.2] | 6,6,[7],[9.3] | 8,8,[9] |
| | [14],16,17 | [10] | ND | [16] | | |
| 9AJJH3 | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X,X | 10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6 | 8 |
| | 16,17 | | | | | |
| 9B6Y6K | Investigator® 24plex QS | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21 | | | 18,22.2,27.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | - | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|------------|----------------|-------------------|---------------|-----------------|
| 9BY3K9 | PowerPlex® 6C | | | | | |
| | 12,13# | 17# | 10,14# | 15,17# | 11 | |
| 3e | 12# | 10,13 | 13,14# | 18,19# | 9,11# | 11,12# |
| | 17,22# | 12,15# | 30,32.2# | 15 | X | 10# |
| | 20,21 | 10,12 | 5,14# | 18,27.2# | 6# | 8# |
| | 16,17# | NR# | NR# | NR | | |
| 9EKDPK | PowerPlex® Fusion 5C | | | | | |
| | 12,13,(17) | 17,17,(24) | 10,(12),14 | (14),15,17 | 11,11 | |
| 3e | (8),12,12 | 10,13 | 13,14,(15) | (15),18,19 | 9,11,(12) | 11,12,(13) |
| | (14),(15),17,22 | 12,(14),15 | (28),30,32.2 | 15,15,(16) | X,X(X,Y) | 10,10,(11),(12) |
| | 20,21,(22) | 10,12,(13) | 5,(10),(13),14 | | 6,6,(7),(9.3) | 8,8 |
| | (14),16,17 | (10) | | | | |
| 9EZW8W | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13 | 17,17 | 10,14 | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15,15 | X,X | 10,10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6,6 | 8,8 |
| | 16,17 | | | | | |
| 9G77QE | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 15,17,22 | 12,14,15 | 30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,9.3 | 8,9 |
| | 14,16,17 | | | | | |
| 9HDKNU | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 15,17 | 11,11 | |
| 3e | 11,12 | 10,13 | 13,14 | 15,18,19 | 9,11 | 11,12,13 |
| | 14,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,10 |
| | 20,21 | | | 18,22.2,27.2 | 6,7,9.3 | 8,8 |
| | 14,16,17 | 10 | | | 2 | |
| 9Y6EFD | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11,11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| A4FUHA | GlobalFiler™ (STRmix) | | | | | |
| | 12,13 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|--------------------------------|-----------------|----------------|------------------------|---------------|-----------------|
| A6Y8LK | PowerPlex® ESX 16 Fast (DNAxs) | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | | |
| 3e | | 10,13 | 13,14,[15] | [15],18,19 | | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15 | X,[Y] | |
| | 20,21,[22] | | | | 6,[9.3] | |
| | [14],16,17 | | | | | |
| A8E7GV | PowerPlex® Fusion 5C | | | | | |
| | 12,13,[16],[17] | 17,17,[23],[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8],12,12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,15 | X,X,[X,Y] | 10,10,[11],[12] |
| | 20,21,[22] | 10,12,[13] | 5,[10],[13],14 | | 6,6,[7],[9.3] | 8,8 |
| | [14],16,17 | [10] | | | | |
| A8JQ33 | PowerPlex® Fusion 6C | | | | | |
| | | | | 15 | 11 | |
| 3e | 12 | 10,13 | 13,14 | | 11 | |
| | | 12 | | 15 | X | 10 |
| | | 12 | 5,14 | 18,27.2 | | 8 |
| | 16,17 | | | | | |
| A8T77X | GlobalFiler™ | | | | | |
| | 12,13,[17]* | 17,[24]* | 10,[12],14* | [14],15,17* | 11 | |
| 3e | [8],[11],12* | 10,13 | 13,14,[15]* | [15],18,19* | 9,11,[12]* | 11,12,[13]* |
| | [14],[15],17,22* | 12,[14],15 | [28],30,32.2* | 15,[16] | X,[Y] | 10,[11],[12]* |
| | 20,21,[22]* | | | 18,[22.2],27.2,[28.2]* | 6,[7],[9.3]* | 8,[9]* |
| | [14],16,17* | [10]* | | | [2]* | |
| AAJTVK | GlobalFiler™ | | | | | |
| | 12,13,(17) | 17,(24) | 10,(12),14 | (14),15,17 | 11,11 | |
| 3e | (8),12 | 10,13 | 13,14 | (15),18,19 | 9,11,(12) | 11,12,(13) |
| | (14,15),17,22 | 12,(14),15 | (28),30,32.2 | 15,(16) | X,(Y) | 10,(11) |
| | 20,21,(22) | | | 18,27.2,(28.2) | 6,(7,9.3) | 8,(9) |
| | (14),16,17 | (10) | | | (2) | |
| ACVX2Z | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| AETLV6 | GlobalFiler™ (STRMix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12 |
| | 14,15,17,22 | 12,14,15 | 30,32.2 | 15,16 | X,Y | 10 |
| | 20,21 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|------------|--------------|------------------------|-------------|--------------|
| AFLGHD | GlobalFiler™ (STRmix v2.4.06) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| AH2776 | PowerPlex® Fusion 6C | | | | | |
| | 12,13 | 17 | 10,14 | [14],15,17 | 11 | |
| 3e | [11],12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6 | 8 |
| | 16,17 | | | | | |
| AKQZXK | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| ALZJTU | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| AMG6PW | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 16,17,24 | 10,12,14 | 14,15,16,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 14,15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,26.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| AMQYR6 | GlobalFiler™ | | | | | |
| | 12,13,[16],[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,13 |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | 10 | | | 2 | |
| AMTZXH | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|-------------|--------------------|---------------------------|--------------|-------------|
| ANDJCP | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 11,12,13,17 | 16,17 | 9,10,12,13,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 10,13 | 12,13,14,15 | 15,17,18,19 | 8,9,10,11,12 | 10,11,12,13 |
| | 14,15,17,22 | 11,12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 19,20,21,22 | 10,12,13 | 5,10,13,14 | 17,18,22.2,26.2,27.2,28.2 | 6,7,9.3 | 7,8,9 |
| | 14,15,16,17 | 10 | 20 | 16 | | |
| ANQLYH | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| APHLXE | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 18,19 | 9,11 | 11,12,13 |
| | 14,15,17,22 | 12,15 | 30,32.2 | 15,16 | X,Y | 10,11 |
| | 20,21,22 | | | 18,22.2,27.2 | 6,7 | 8 |
| | 16,17 | 10 | | | 2 | |
| AT9R3X | GlobalFiler™ (TrueAllele) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |
| ATL2H6 | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| AX44VU | PowerPlex® Fusion 5C | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y / X,X | 10,11 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| B2UPXN | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|----------------------------------|-------------|--------------------|---------------------------|------------|-------------|
| B3EGCT | PowerPlex® Fusion 5C | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [11],12 | 10,13 | 13,14,[15] | 18,19 | 9,11,[12] | 11,12,[13] |
| | [15],17,22 | 12,[14],15 | 30,32.2 | 15 | X,[Y] | 10,[11,12] |
| | 20,21,[22] | 10,[12,13] | 5,[10,13],14 | | 6,[7,9.3] | 8,[9] |
| | 16,17 | 10 | | | | |
| B6MMW9 | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,8 |
| | 14,16,17 | 10 | | | | |
| B8BYXY | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| B8F9VR | Investigator® 24plex QS (STRmix) | | | | | |
| | 11,12,13,17 | 16,17,24 | 10,11,12,13,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 10,13 | 12,13,14,15 | 15,17,18,19 | 9,10,11,12 | 10,11,12,13 |
| | 14,15,17,22 | 11,12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,9.3 | 7,8,9 |
| | 15,16,17 | 10 | | | | |
| B8VM6L | Investigator® 24plex QS (STRMix) | | | | | |
| | 11,12,13,17 | 16,17,24 | 10,14 | 14,15,16,17 | 10,11 | |
| 3e | 11,12 | 10,12,13 | 12,13,14,15 | 15,17,18,19 | 9,10,11,12 | 11,12,13 |
| | 14,15,17,22 | 11,12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X | 9,10,11 |
| | 19,20,21 | | | 17,18,26.2,27.2,28.2 | 6,7 | 8 |
| | 15,16,17 | 10 | | | | |
| B8XCAJ | Investigator® 24plex QS (STRmix) | | | | | |
| | 11,12,13 | 16,17,24 | 10,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 9,10,12,13 | 12,13,14,15 | 15,17,18,19 | 9,10,11,12 | 10,11,12,13 |
| | 14,15,17,22 | 11,12,14,15 | 29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 19,20,21,22 | | | 17,18,22.2,26.2,27.2,28.2 | 6,9.3 | 7,8,9 |
| | 14,15,16,17 | 10 | | | | |
| BKKKBQ | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,16,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 14,15,16 | X,Y | 10,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|------------|----------------|-----------------------|-------------|--------------|
| BLVHHB | PowerPlex® 6C | | | | | |
| | 12,13,(17) | 17,(24) | 10,(12),14 | (14),15,17 | 11,11 | |
| 3e | (8),12 | 10,13 | 13,14,(15) | (15),18,19 | 9,11,(12) | 11,12,(13) |
| | (14),(15),17,22 | 12,(14),15 | (28),30,32.2 | 15,15 | X,(Y) | 10,(12) |
| | 20,21,(22) | 10,12 | 5,(10),(13),14 | 18,(22.2),27.2,(28.2) | 6,(7),(9.3) | 8,(9) |
| | (14),16,17 | 10 | 20 | 16 | | |
| BNCZ9C | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,[24] | 10,12,14 | 14,15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | 10 | | | 2 | |
| BQCBTZ | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17 | 10,12,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12,13 |
| | 17,22 | 12,15 | 28,30,32.2 | 15 | X | 10,12 |
| | 20,21 | | | 18,22.2,27.2,28.2 | 6 | 8 |
| | 16,17 | | | | 2 | |
| BR48HU | PowerPlex® Fusion 5C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | | 6,7,9.3 | 8,9 |
| | 14,16,17 | | | | | |
| BUBTN8 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| BUW9BP | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| BWY3ZU | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,12,14 | 14,15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | 15,18,19 | 9,11,12 | 11,12,13 |
| | [14],[15],17,22 | 12,14,15 | 28,30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | 14,16,17 | [10] | | | [2] | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|------------|----------------|-----------------------|-------------|---------------|
| BXM3UD | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,22.2,27.2,28.2 | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | 10 | | | 2 | |
| BY4QH6 | GlobalFiler™ (STRMIX) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| BZQ6B2 | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| C3AV6Y | PowerPlex® Fusion 6C | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15 | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | 10,12,[13] | 5,[10],[13],14 | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | [20] | [16] | | |
| C3JZAW | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| C4PF82 | GlobalFiler™ (STRMix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| C6M9DR | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8,11],12,12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14,15],17,22 | 12,[14],15 | [28],30,32.2 | 15,15 | X,X,[Y] | 10,10,[11,12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,6,[7,9.3] | 8,8,[9] |
| | [14],16,17 | [10] | | | [2] | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------------|------------|--------------|-----------------------|-------------|--------------|
| C7YLYC | PowerPlex® Fusion 5C | | | | | |
| | 12,13,[17] | 17,[24] | 10,14 | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11 | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | 30,32.2 | 15,15 | X,[Y] | 10,[11] |
| | 20,21 | 10,12,[13] | 5,14 | | 6,[7] | 8,8 |
| | 16,17 | No Results | | | | |
| C7YULM | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | 15,18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| CATHAG | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| CB78GZ | PowerPlex® Fusion 6C (STRmix v.2.8) | | | | | |
| | 12,13 | 17,17 | 10,14 | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15,15 | X,X | 10,10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6,6 | 8,8 |
| | 16,17 | | | | | |
| CB927E | GlobalFiler™ | | | | | |
| | 12,13 | 17 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 11,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 14,15,17,22 | 12,14,15 | 30,32.2 | 15,16 | X | 10 |
| | 20,21 | | | 18,27.2 | 6,7,9.3 | 8 |
| | 16,17 | | | | | |
| CBM7RC | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11,12 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| CCM9QB | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13 | 17,17 | 10,14 | 15,17 | 11,11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,[19] | 9,11 | 11,12,[13] |
| | [15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | 16,[17] | No Results | No results | No Results | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|---------------------------------------|-------------|-----------------|-----------------------|-----------|-------------|
| CDVJ9J | Investigator® 24plex QS (STRMix V2.4) | | | | | |
| | 11,12,13 | 16,17 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 11,12 | 10,12,13 | 12,13,14,15 | 15,17,18,19 | 9,11 | 10,11,12,13 |
| | 14,15,17,22 | 11,12,14,15 | 29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 19,20,21,22 | | | 17,18,26.2,27.2,28.2 | 6,7,9,3 | 7,8,9 |
| | 15,16,17 | 10 | | | | |
| CGQNVQ | PowerPlex® Fusion 5C | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | | 6,7,9,3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| CKBXM3 | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | NT |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | NT | NT | 18,22.2,27.2,28.2 | 6,7,9,3 | 8,9 |
| | 14,16,17 | 10 | NT | NT | 2 | |
| CL7ZM7 | PowerPlex® Fusion 6C | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9,3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| CMHCQG | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9,3 | 8 |
| | 14,16,17 | 10 | | | 2 | |
| CTMDQB | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14,15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7,9,3] | 8 |
| | [14],16,17 | [10] | | | [2] | |
| CU2T9J | Investigator® 24plex QS (STRMix) | | | | | |
| | 11,12,13,17 | 16,17 | 10,12,14 | 14,15,16,17 | 11 | |
| 3e | 11,12 | 10,13 | 12,13,14,15 | 18,19 | 9,11 | 10,11,12,13 |
| | 14,15,17,22 | 12,14,15 | 30,32.2 | 14,15,16 | X,Y | 10,11 |
| | 20,21,22 | | | 18,26.2,27.2 | 6,7,9,3 | 8,9 |
| | 14,16,17 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------------|----------|------------|-------------------|---------|----------|
| CU6WX9 | GlobalFiler™ (STRmix v2.5) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| CVC4YP | Investigator® 24plex QS, FlexPlex27 | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | N/A |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | N/A | N/A | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | N/A | N/A | N/A | |
| CWC69E | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17 | 10,12,14 | 15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,12 |
| | 20,21,22 | | | 18,22.2,27.2 | 6,7,9.3 | 8 |
| | 14,16,17 | | | | 2 | |
| D2ERU3 | GlobalFiler™ (STRmix v2.4.06) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |
| D2GABX | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |
| D83XJ4 | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14 | 18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| DCVX36 | PowerPlex® Fusion 6C | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|----------------------------------|-------------|--------------------|---------------------------|-------------|--------------|
| DDVLTG | Investigator® 24plex QS (STRMix) | | | | | |
| | 11,12,13,17 | 16,17 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 9,10,12,13 | 12,13,14,15 | 15,17,18,19 | 9,10,11,12 | 10,11,12,13 |
| | 14,16,17,21,22 | 11,12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 19,20,21 | | | 17,18,22.2,26.2,27.2,28.2 | 6,7,9.3 | 7,8,9 |
| | 14,15,16,17 | 10 | | | | |
| DF4DZH | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],11,12 | 10,13 | 13,14,[15] | 18,19 | 9,11,[12] | 11,12,[13] |
| | [14,15],17,22 | 12,[14],15 | [28,30],32.2 | 15,[16] | X,[Y] | 10,[11,12] |
| | 20,21,[22] | | | 18,[22.2],27.2 | 6,[7,9.3] | 8 |
| | [14],16,17 | [10] | | | | |
| DJKEK4 | GlobalFiler™ | | | | | |
| | 12,13 | 17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | 18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| DJYG84 | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X,X | 10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6 | 8 |
| | 16,17 | | | | | |
| DLPYMP | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| DRTVGM | Investigator® 24plex | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| DTPA4F | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,17 | 10,12,14 | 14,15,17 | 11,11 | |
| 3e | 11,12 | 10,13 | 13,14,15 | 18,19 | 9,11 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11 |
| | 20,21,22 | | | 18,27.2 | 6,6 | 8,9 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|------------|--------------|-----------------------|-------------|------------|
| DTPFA | PowerPlex® Fusion 6C | | | | | |
| | 12,13 | 17,[24] | 10,14 | [14],15,17 | 11,11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11 | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | 30,32.2 | 15,15 | X,[Y] | 10,[11] |
| | 20,21,[22] | 10,12 | 5,[13],14 | 18,27.2,[28.2] | 6,[7],[9.3] | 8,8 |
| | [14],16,17 | 10 | No Results | 16 | | |
| DWK88D | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| DY4BPH | PowerPlex® Fusion 5C (STRmix) | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | | 6 | 8 |
| | 16,17 | INC | | | | |
| DY4F37 | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | 15,18,19 | 9,11,[12] | 11,12,13 |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],12 |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7,9.3] | 8,[9] |
| | 14,16,17 | [10] | | | [2] | |
| DYEQDK | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | 15,17 | 11 | |
| 3e | [8],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11 | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10 |
| | 20,21 | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| E3VU2M | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| E4ELHC | PowerPlex® Fusion (STRmix) | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | | 6 | 8 |
| | 16,17 | INC | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|----------------------------------|------------|--------------|-----------------------|-------------|--------------|
| E7YM2D | GlobalFiler™ (STR-mix) | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21,22 | | | 18,22.2,27.2 | 6 | 8 |
| | 16,17 | | | | | |
| EA4A4A | Investigator® 24plex (STRMix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| ECJXWT | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 16,17,24 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 14,15,16 | X,Y | 10,11,12 |
| | 19,20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| EE2VUD | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,13,17 | 17 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| EFUHKV | GlobalFiler™ | | | | | |
| | 12,13,(17) | 17,(24) | 10,(12),14 | (14),15,17 | 11,11 | |
| 3e | (8),(11),12 | 10,13 | 13,14,(15) | (15),18,19 | 9,11,(12) | 11,12,(13) |
| | (14),(15),17,22 | 12,(14),15 | (28),30,32.2 | 15,(16) | X,(Y) | 10,(11),(12) |
| | 20,21,(22) | | | 18,(22.2),27.2,(28.2) | 6,(7),(9.3) | 8,(9) |
| | (14),16,17 | (10) | | | (2) | |
| EHGAED | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| EJ9PTA | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|------------|--------------|-----------------------|-------------|-----------------|
| EKC3WV | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| EP2BWB | PowerPlex® Fusion 5C | | | | | |
| | 12,13,[17] | 17,17,[24] | 10,14 | [14],15,17 | 11,11 | |
| 3e | [8],[11],12,12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,15,[16] | X,X/[X,Y] | 10,10,[11],[12] |
| | 20,21,[22] | 10,12 | 5,[10],14 | | 6,6,[7] | 8,8 |
| | [14],16,17 | | | | | |
| EPMR4Q | Investigator® 24plex (STRMix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| EPN7NJ | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,17,[24] | 10,[12],14 | 15,17 | 11,11 | |
| 3e | [8],12,12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11 | 11,12,[13] |
| | [14,15],17,22 | 12,[14],15 | [28],30,32.2 | 15,15 | X,X,[Y] | 10,10 |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,6,[7,9.3] | 8,8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| EQJKFH | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8 |
| | 16,17 | 10 | | | 2 | |
| ETGMQ7 | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,[24] | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,[16] | X,[Y] | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,[9] |
| | 14,16,17 | 10 | | | 2 | |
| ETMGKJ | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8,11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14,15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11,12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7,9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|-------------|--------------------|---------------------------------------|--------------|--------------|
| ETMHNP | GlobalFiler™ (STRmix) | | | | | |
| | 11,12,13,17 | 16,17,24 | 9,10,12,13,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 9,10,12,13 | 12,13,14,15 | 15,17,18,19 | 8,9,10,11,12 | 10,11,12,13 |
| | 14,15,16,17,21,22 | 11,12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 19,20,21,22 | | | 17,17.2,18,22.2,26.2 ,27,27.2,28.2 | 6,7,9.3 | 7,8,9 |
| | 14,15,16,17 | 10 | | | 2 | |
| EU4M8N | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,[24] | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,[16] | X,[Y] | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,[9] |
| | 14,16,17 | [10] | | | [2] | |
| EUE2AH | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| EUZZUG | PowerPlex® 21 | | | | | |
| | 12,13 | 17,[24] | | [14],15,17 | 11,11 | 14,18[11,12] |
| 3e | [8,11],12 | 10,13 | | [15],18,19 | 9,11 | 11,12,[13] |
| | [14],17,22 | 12,[14],15 | 30,32.2 | | X,[Y] | 10,10 |
| | 20,21,[22] | 10,12,[13] | 5,[13],14 | | 6,[9.3] | 8,[9] |
| | 16,17 | | | | | |
| EZ6VL4 | GlobalFiler™ (STRmix v2.5.11) | | | | | |
| | 12,13,17 | 17,24 | 10,14 | 15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |
| EZ7RP8 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| EZ8Y4F | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|------------------------------------|------------|----------------|-----------------------|-------------|-----------------|
| F4CFEM | PowerPlex® Fusion 5C | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11 | 11,12,[13] |
| | [14],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],12 |
| | 20,21 | 10,12,[13] | 5,[10],13,14 | | 6,[7,9.3] | 8,[9] |
| | [14],16,17 | NT | | | | |
| F8KVHR | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 10,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| F8MCK4 | GlobalFiler™ (STRmix v2.5) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |
| F9FG6Q | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| FB6UZF | Identifiler® Plus | | | | | |
| | | 17,[24] | | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | | | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | | 6,[7],[9.3] | 8 |
| | [14],16,17 | | | | | |
| FF6W8V | PowerPlex® Fusion 6C (STRmix v2.8) | | | | | |
| | 12,13 | 17,17 | 10,14 | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15,15 | X,X | 10,10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6,6 | 8,8 |
| | 16,17 | | | | | |
| FF9JK3 | VeriFiler Plus | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | [11],[12],14,18 |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | 10,12,[13] | 5,[10],[13],14 | | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | | | | [2] | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|----------------------------------|------------|--------------------|-------------------|---------------|------------|
| FFCDTU | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| FFDUPL | Investigator® 24plex | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| FJQML7 | GlobalFiler™ (STRMix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 15,17 | 11 | |
| 3e | 11,12 | 10,13 | 13,14 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | | | 18,27.2 | 6 | 8 |
| | 16,17 | - | | | - | |
| FKXFEE | GlobalFiler™ (STRmix) | | | | | |
| | 12,13 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14 | 18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8 |
| | 14,16,17 | | | | 2 | |
| FL2C6H | Investigator® 24plex QS (STRMix) | | | | | |
| | 11,12,13 | 16,17,24 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 10,13 | 12,13,14,15 | 18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 10,11,12 |
| | 20,21 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| FMPV3A | PowerPlex® Fusion 5C | | | | | |
| | 12,13,[17] | 17,17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8],[11],12,12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11 | 11,12,[13] |
| | [14],[15],17,22 | 12,15 | [28],30,32.2 | 15,15,[16] | X,X / [X,Y] | 10,10,[12] |
| | 20,21,[22] | 10,12,[13] | 5,[10],[13],14 | | 6,6,[7],[9.3] | 8,8,[9] |
| | [14],16,17 | [10] | | | | |
| FNWFJH | PowerPlex® Fusion (STRMix v2.7) | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | | 6 | 8 |
| | 16,17 | INC | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|---------------------------------|-------------|--------------|------------------------|-------------|--------------|
| FQ48J7 | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 18,19 | 9,11,12 | 11,12,13 |
| | 14,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10 |
| | 20,21,22 | | | 18,22.2,27.2 | 6,7,9.3 | 8 |
| | 14,16,17 | | | | | |
| FRKTGT | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| FU4HE7 | PowerPlex® ESX 17Fast | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | | |
| 3e | | 10,13 | 13,14,[15] | [15],18,19 | | 11,12,[13] |
| | [14,15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X>>Y | |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7,9.3] | |
| | [14],16,17 | | | | | |
| FZM2KT | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 11,12,14,15 | 28,30,32.2 | 15 | X,Y | 10,12 |
| | 20,21 | 10,12 | 5,10,13,14 | 18,22.2,26.2,27.2,28.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | 20 | 16 | | |
| G6QLLV | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14 | 18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,15 | 30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| G8HL2E | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,15 | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| GACPA2 | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X,X | 10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6 | 8 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|--|-------------|--------------------|---------------------------|-------------|--------------|
| GAKUB9 | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,15 | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | 10 | | | 2 | |
| GB4RUW | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| GBDXG7 | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| GC2GEX | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,13 |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | 10 | | | 2 | |
| GD6D8M | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| GDJ9P4 | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |
| GF7ZPC | Investigator® 24plex QS (STRmix V2.4.06) | | | | | |
| | 11,12,13,17 | 16,17,24 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 9,10,12,13 | 12,13,14,15 | 15,17,18,19 | 9,10,11,12 | 10,11,12,13 |
| | 14,15,17,22 | 11,12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 19,20,21,22 | | | 17,18,22.2,26.2,27.2,28.2 | 5,6,7,9.3 | 7,8,9 |
| | 14,15,16,17 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|---|----------|------------|-------------------|---------|----------|
| GJ82PA | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| GK2CH9 | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| GLCQU4 | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |
| GLM49U | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| GN47HY | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| GT9Y9X | GlobalFiler™ (GeneMapper ID-X Software v 1.5) | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | | | 18,27.2 | 6 | 8 |
| | 16,17 | | | | | |
| GTT6WA | GlobalFiler™ | | | | | |
| | 12,13 | 17,24 | 10,12,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12,13 |
| | 14,17,22 | 12,14,15 | 30,32.2 | 15 | X | 10,12 |
| | 20,21,22 | | | 18,22.2,27.2 | 6,7,9.3 | 8 |
| | 16,17 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|----------------------------------|------------|--------------|-----------------------|-----------|------------|
| GUV6LU | GlobalFiler™ (STRMIX) | | | | | |
| | 12,13 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11 |
| | 20,21 | | | 18,27.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |
| GVMF6 | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 30,32.2 | 15,16 | X,Y | 10,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| GVWWWA | PowerPlex® Fusion (STRmix) | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | | 6 | 8 |
| | 16,17 | INC | | | | |
| GZ2WGL | Investigator® 24plex QS | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| H3WT2R | PowerPlex® Fusion 6C | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| HCECDB | GlobalFiler™ (TrueAllele) | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8,11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14,15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11,12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7,9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| HCKN8L | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------------|----------|------------|-------------------|---------|----------|
| HDLREW | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |
| HE9ZV7 | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11,11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,15 | X,Y | 10,11 |
| | 20,21,22 | | | 18,27.2,28.2 | 6,7,9.3 | 8,8 |
| | 14,16,17 | 10 | | | 2 | |
| HEL3RZ | PowerPlex® Fusion 5C, GlobalFiler™ | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6 | 8 |
| | 16,17 | | | | | |
| HEM4CX | GlobalFiler™ (STRmix*) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| HH6K3B | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| HH8G4U | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6 | 8 |
| | 14,16,17 | 10 | | | 2 | |
| HHDNLB | GlobalFiler™ (Sentry (BulletProof)) | | | | | |
| | 12,13 | 17 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 11,12 | 10,13 | 13,14 | 18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 30,32.2 | 15,16 | X,Y | 10 |
| | 20,21 | | | 18,22.2,27.2 | 6,7,9.3 | 8 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|------------------------------------|------------|----------------|-----------------------|-------------|--------------|
| HHLF9X | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| HHQF7X | PowerPlex® Fusion 6C | | | | | |
| | 12,13 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,17,22 | 12,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| HHX9T4 | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,[21],[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | 10 | | | 2 | |
| HJ26MP | PowerPlex® Fusion 6C, GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,X,[X,Y] | 10,[11],[12] |
| | 20,21,[22] | 10,12,[13] | 5,[10],[13],14 | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | | | | | |
| HJQ3CC | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| HKH3B9 | GlobalFiler™ | | | | | |
| | 12,13 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12,13 |
| | 14,17,22 | 12,14,15 | 30,32.2 | 15,16 | X,Y | 10,11 |
| | 20,21,22 | | | 18,27.2,28.2 | 6,9.3 | 8 |
| | 16,17 | | | | | |
| HM6V76 | PowerPlex® Fusion 6C | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[12] |
| | 20,21,[22] | 10,12,[13] | 5,[13],14 | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | 10 | No Results | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|----------------------------------|-------------|--------------------|------------------------|--------------|---------------|
| HN9T3C | GlobalFiler™ | | | | | |
| | 12,13,(17) | 17,(24) | 10,(12),14 | (14),15,17 | 11,11 | |
| 3e | (8,11),12 | 10,13 | 13,14,(15) | 18,19 | 9,11,(12) | 11,12,(13) |
| | (14,15),17,22 | 12,(14),15 | (28),30,32.2 | 15,(16) | X,(Y) | 10,(11,12) |
| | 20,21,(22) | | | 18,(22.2),27.2,(28.2) | 6,(7,9.3) | 8,(9) |
| | (14),16,17 | 10 | | | (2) | |
| HNV4AK | Investigator® 24plex QS (STRmix) | | | | | |
| | 11,12,13,17 | 16,17 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 10,12,13 | 12,13,14 | 18,19 | 9,10,11,12 | 11,12,13 |
| | 14,15,17,22 | 11,12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X | 9,10,11,12 |
| | 20,21 | | | 17,18,26.2,27.2 | 6,9.3 | 7,8 |
| | 14,15,16,17 | | | | | |
| HQ6AM3 | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | 15,17 | 11,11 | |
| 3e | [8],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,15 | [28],30,32.2 | 15,15 | X,(Y) | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,8 |
| | [14],16,17 | 10 | | | 2 | |
| HTM9UN | GlobalFiler™ (STRmix 2.4) | | | | | |
| | 12,13 | 16,17 | 10,12,13,14 | 14,15,16,17 | 10,11 | |
| 3e | 11,12 | 9,10,12,13 | 12,13,14 | 15,17,18,19 | 9,11,12 | 11,12,13 |
| | 15,16,17,21,22 | 11,12,14,15 | 29,30,31.2,32.2 | 14,15,16 | X | 9,10 |
| | 19,20,21,22 | | | 18,22.2,27.2 | 5,6,7,9.3 | 8,9 |
| | 14,15,16,17 | none | | | none | |
| HV8WWV | PowerPlex® Fusion | | | | | |
| | 12,13 | 17,17 | 10,14 | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15,15 | X,X | 10,10 |
| | 20,21 | 10,12 | 5,14 | | 6,6 | 8,8 |
| | 16,17 | | | | | |
| HW4BJN | GlobalFiler™ | | | | | |
| | 12,13,[17]* | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12]* | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2* | 15 | X,(Y) | 10,[11],[12]* |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2]* | 6,[7],[9.3]* | 8,[9]* |
| | [14],16,17* | [10] | | | [2]* | |
| HZMQ6U | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,12 |
| | 20,21 | | | 18,22.2,27.2,28.2 | 6,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|----------------------------------|-------------|---------------|-------------------|------------|----------|
| J2ZJWG | Investigator® 24plex (STRmix) | | | | | |
| | 11,12,13,17 | 16,17,23,24 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 9,10,13 | 13,14,15 | 15,18,19 | 9,10,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,29,30,32.2 | 14,15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| J3LNTR | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| J64G6N | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| J843QU | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,14 | 14,15,17 | 11 | |
| 3e | 11,12 | 10,13 | 13,14 | 18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11 |
| | 20,21 | | | 18,22.2,27.2,28.2 | 6,7 | 8,9 |
| | 14,16,17 | 10 | | | | |
| JB4PJ3 | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| JCHQLA | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| JDT8J4 | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|-------------|-----------------|---------------------------|---------------|-----------------|
| JEQD9A | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| JG67NG | Identifiler® Plus | | | | | |
| | | 17,17,[24] | | [14],15,17 | 11,11 | |
| 3e | [8],12,12 | 10,13 | | | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,15 | [28],30,32.2 | | X,X,[Y] | 10,10,[11],[12] |
| | 20,21,[22] | | | | 6,6,[7],[9.3] | 8,8,[9] |
| | [14],16,17 | | | | | |
| JJDGL7 | PowerPlex® Fusion 5C | | | | | |
| | 12,13,[17] | 17,17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8],[11],12,12 | 10,13 | 13,14,[15] | 18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,15,[16] | X,X / [X,Y] | 10,10,[11],[12] |
| | 20,21,[22] | 10,12 | 5,[10],[13],14 | | 6,6,[7],[9.3] | 8,8,[9] |
| | [14],16,17 | | | | | |
| JNBA32 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| JNFMNC | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14,15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7,9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| JQ2B74 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12 | 5,10,13,14 | 18,22.2,27.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| JQPHLM | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 16,17,24 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,17,18,19 | 9,10,11,12 | 11,12,13 |
| | 14,15,17,22 | 11,12,14,15 | 28,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 19,20,21,22 | 10,12,13 | 5,10,13,14 | 17,18,22.2,26.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|------------|--------------|-----------------------|-------------|--------------|
| JRCPHY | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15,16 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,17,22 | 12,14,15 | 30,32.2 | 15 | X,Y | 10 |
| | 20,21 | | | 18,22.2,27.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |
| JVG2BY | GlobalFiler™ (STRmix v2.5) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| JW8ZRH | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| JXFTBD | PowerPlex® Fusion (STRmix) | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | | 6 | 8 |
| | 16,17 | INC | | | | |
| JXHDD3 | Investigator® 24plex QS | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,[19] | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | 10 | | | | |
| JXRYJV | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| K3PB7Z | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,[24] | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,[16] | X,[Y] | 10,[11],12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,[9] |
| | 14,16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-----------------------------------|------------|--------------|-----------------------|-----------|------------|
| K4YDXQ | PowerPlex® Fusion 6C (STRmix 2.8) | | | | | |
| | 12,13 | 17,17 | 10,14 | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15,15 | X,X | 10,10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6,6 | 8,8 |
| | 16,17 | | | | | |
| K6EMXH | Investigator® 24plex (STRMix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 14,15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| K6WRFG | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 10,13 | 12,13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 14,15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,15,16,17 | 10 | | | | |
| K77PFR | PowerPlex® Fusion 6C (STRmix 2.8) | | | | | |
| | 12,13 | 17,17 | 10,14 | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15,15 | X,X | 10,10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6,6 | 8,8 |
| | 16,17 | | | | | |
| K8LGV9 | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14,15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11,12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7,9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| K8N4E8 | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14,15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11,12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7,9.3] | 8 |
| | [14],16,17 | [10] | | | [2] | |
| K9KY4K | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,13,17 | 17,24,Q | 10,12,14,Q | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 14,15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|--|------------|--------------|-------------------|---------------|------------|
| K9U43G | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,15,17 | 11,11 | |
| 3e | 8,12 | 10,13 | | | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | | X,X,Y | 10,11,12 |
| | 20,21,22 | | | | 6,7,9.3 | 8,8 |
| | 14,16,17 | | | | | |
| KCRQV6 | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11,11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 15,17,22 | 12,14,15 | 28,30,32.2 | 15,15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,8 |
| | 14,16,17 | 10 | | | 2 | |
| KHXJNE | PowerPlex® Fusion (STRmix) | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | | 6 | 8 |
| | 16,17 | INC | | | | |
| KK4EER | PowerPlex® Fusion 6C, GlobalFiler™, NGM SElect | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | 2 | |
| KKKYGV | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| KREF6D | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| KTE7VU | PowerPlex® ESI 17 | | | | | |
| | 12,13,[17] | 17,17,[24] | 10,14 | [14],15,17 | | |
| 3e | | 10,13 | 13,14,[15] | [15],18,19 | | 11,12,[13] |
| | [15],17,22 | 12,15 | [28],30,32.2 | 15,15,[16] | X,X | |
| | 20,21,[22] | | | 18,27.2 | 6,6,[7],[9.3] | |
| | [14],16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|------------------------------------|------------|--------------------|---------------------------|-------------|------------|
| KVLZJL | 11,12,13,17 | 16,17,24 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 9,10,12,13 | 12,13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,16,17,21,22 | 12,14,15 | 28,29,30,32.2 | 14,15,16 | X,Y | 10 |
| | 20,21,22 | | | 17,18,22.2,26.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | | | | 2 | |
| KXQNYC | GlobalFiler™ (Bullet Proof Sentry) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| KZC2FL | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 11,12,13 | 16,17 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 11,12 | 9,10,13 | 12,13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 15,16,17,21,22 | 12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X | 10 |
| | 20,21 | 10,12 | 5,10,13,14 | 17,18,26.2,27.2 | 6,7,9.3 | 8,9 |
| | 14,15,16,17 | | | | | |
| L8LAB6 | GlobalFiler™ | | | | | |
| | 12,13 | 17,17 | 10,14 | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15,15 | X,X | 10,10 |
| | 20,21 | | | 18,27.2 | 6,6 | 8,8 |
| | 16,17 | | | | | |
| L8U3HP | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| L8VEFY | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| L9Y7Z7 | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,15 | X,[Y] | 10,10 |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,8 |
| | [14],16,17 | | | | [2] | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|---------------|--------------------|---------------------------|--------------|-------------|
| LA37P7 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,14 | 14,15,16,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14 | 15,18,19 | 9,11 | 11,12,13 |
| | 14,15,17,22 | 12,15 | 28,30,32.2 | 15 | X,Y | 10 |
| | 20,21,22 | 10,12 | 5,10,14 | 18,27.2 | 6 | 8 |
| | 14,16,17 | 10 | 20 | | | |
| LAJ8F3 | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 16,17,24 | 9,10,12,13,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 9,10,11,12,13 | 12,13,14,15 | 15,17,18,19 | 8,9,10,11,12 | 10,11,12,13 |
| | 14,15,17,22 | 11,12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 19,20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9,3 | 8,9 |
| | 14,15,16,17 | 10 | | | 2 | |
| LBEK3Z | GlobalFiler™ (STRmix™) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9,3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| LCBXPT | PowerPlex® Fusion | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6 | 8 |
| | 16,17 | | | | | |
| LCV3BJ | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 11,12,13,17 | 16,17 | 10,12,13,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 9,10,12,13 | 12,13,14 | 15,17,18,19 | 9,10,11,12 | 10,11,12,13 |
| | 14,15,17,22 | 11,12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 19,20,21,22 | 10,12,13 | 5,10,13,14 | 17,18,22.2,26.2,27.2,28.2 | 6,7,9,3 | 7,8,9 |
| | 14,15,16,17 | 10 | | 16 | | |
| LDR92K | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13 | 17,24 | 10,12,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 15,18,19 | 9,11 | 11,12,13 |
| | 14,15,17,22 | 12,15 | 28,30,32.2 | 15 | X,Y | 10,12 |
| | 19,20,21,22 | 10,12 | 5,10,13,14 | 18,22.2,27.2 | 6,7,9,3 | 8 |
| | 14,16,17 | 10 | | 16 | | |
| LE3CDN | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9,3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|----------------------------|------------|---------------|------------------------|--------------|---------------|
| LE4C9H | GlobalFiler™ | | | | | |
| | 12,13,(17) | 17,(24) | 10,(12),14 | (14),15,17 | 11,11 | |
| 3e | (8),(11),12 | 10,13 | 13,14,(15) | (15),18,19 | 9,11,(12) | 11,12,13 |
| | (14),(15),17,22 | 12,(14),15 | (28),30,32.2 | 15,(16) | X,(Y) | 10,(11),(12) |
| | 20,21,(22) | | | 18,(22.2),27.2,(28.2) | 6,(7),(9.3) | 8,(9) |
| | (14),16,17 | (10) | | | (2) | |
| LK2E6W | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| LK6LHV | GlobalFiler™ (STRmix v2.5) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |
| LKJK78 | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,17 | 10,12,14 | 14,15,17 | 11,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,8 |
| | 14,16,17 | 10 | | | 2 | |
| LKPJWC | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| LLBXXL | GlobalFiler™ | | | | | |
| | 12,13,[17]* | 17,[24]* | 10,[12],14* | 15,17 | 11 | Not Tested |
| 3e | [8],[11],12* | 10,13 | 13,14,[15]* | [15],18,19* | 9,11,[12]* | 11,12,[13]* |
| | [14],[15],17,22* | 12,[14],15 | [28],30,32.2* | 15,[16] | X,[Y]* | 10,[11],[12]* |
| | 20,21,[22]* | Not Tested | Not Tested | 18,[22.2],27.2,[28.2]* | 6,[7],[9.3]* | 8,[9]* |
| | [14],16,17* | [10]* | Not Tested | Not Tested | [2]* | |
| LLXP67 | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|----------------------------------|--------------|--------------------------|---|----------------|---------------|
| LMFCXR | PowerPlex® Fusion 6C (STRMIX) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,12 |
| | 20,21,22 | 10,12,13 | 5,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| LML3AN | PowerPlex® Fusion 5C | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,Y | 10,[11],[12] |
| | 20,21,[22] | 10,12,[13] | 5,[10],[13],14 | | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | 10 | | | | |
| LNFBZV | GlobalFiler™ | | | | | |
| | 12,13 | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [11],12 | 10,13 | 13,14,[15] | 18,19 | 9,11,[12] | 11,12,[13] |
| | [14,15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11,12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7,9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| LP4CVG | Investigator® 24plex QS (STRmix) | | | | | |
| | 11,12,13,17,Q | 16,17,24,Q | 10,12,14,Q | 14,15,16,17,Q | 10,11,Q | |
| 3e | 8,11,12,Q | 9,10,12,13,Q | 12,13,14,15,Q | 15,17,18,19,Q | 8,9,10,11,12,Q | 10,11,12,13,Q |
| | 14,15,16,17,21,22, Q | 12,14,15,Q | 28,29,30,31.2,32.2, Q | 14,15,16,Q | X,Y | 10,11,12,Q |
| | 19,20,21,Q | | | 17,17.2,18,22.2,26.2, 27,27.2,28.2,Q | 6,7,9.3 | 8,9,Q |
| | 14,15,16,17,Q | 10 | | | | |
| LPCKMN | PowerPlex® Fusion 6C | | | | | |
| | 12,13 | 17,17 | 10,14 | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15,15 | X,X | 10,10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6,6 | 8,8 |
| | 16,17 | | | | | |
| LPE87M | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,15 | 28,30,32.2 | 15 | X,Y | 10,12 |
| | 20,21,22 | 10,12,13 | 5,10,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| LR2WHN | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12 |
| | [14],17,22 | 12,[14],15 | 30,32.2 | 15 | X,[Y] | 10 |
| | 20,21 | | | 18,27.2,[28.2] | 6,[7],[9.3] | 8 |
| | 16,17 | [10] | | | [2] | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|------------|--------------|-----------------------|-----------|------------|
| LTY8AA | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| LUF3GC | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| LW36EP | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 15,17,22 | 12,15 | 28,30,32.2 | 15 | X | 10 |
| | 20,21,22 | | | 18,27.2 | 6,7 | 8 |
| | 14,16,17 | | | | 2 | |
| M2PXQB | Investigator® 24plex (STRMix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| M68WY4 | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8,11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14,15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11,12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7,9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| M6NALB | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| M79KMA | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|-----------------|--------------|-------------------|---------------|-------------|
| M88K9T | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |
| MDYTKZ | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| ME9784 | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| MEZQQ9 | PowerPlex® 21 (STRmix) | | | | | |
| | 12,13,17 | 17,24 | | 14,15,17 | 11,11 | 11,12,14,18 |
| 3e | 8,11,12 | 10,13 | | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | | 6,7,9.3 | 8,9 |
| | 14,16,17 | | | | | |
| MHRR8H | PowerPlex® Fusion 5C | | | | | |
| | 12,13,[17] | 17,17,[24],[25] | 10,14 | [14],15,17,[18] | 11,11 | |
| 3e | [8],[11],12,12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,15 | [28],30,32.2 | 15,15 | [X,Y]/X,X | 10,10,[11] |
| | 20,21,[22] | 10,12,[13] | 5,[10],14 | | 6,6,[7],[9.3] | 8,8 |
| | 16,17 | | | | | |
| MK7HLY | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17 | 10,14 | 14,15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14,15 | 15,18,19 | 9,11 | 11,12,13 |
| | 14,15,17,22 | 12,15 | 28,30,32.2 | 15 | X,Y | 10 |
| | 20,21 | 10,12 | 5,13,14 | 18,27.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | 20 | 16 | | |
| MK7L8N | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,14 | 15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21 | | | 18,27.2 | 6 | 8,9 |
| | 16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-----------------------------------|----------|---------------|-------------------|---------|----------|
| MU9ZW3 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 10,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| MWRM6B | PowerPlex® Fusion (STRmix V2.7.0) | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | | 6 | 8 |
| | 16,17 | INC | | | | |
| MYJQ6X | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| MZANPW | GlobalFiler™ (STRmix) | | | | | |
| | 12,13 | 17 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |
| N24HTQ | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14 | 18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| N6MR8C | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 16,17,24 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 10,12,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,29,30,32.2 | 14,15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,15,16,17 | 10 | | | | |
| N79W6N | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------------|------------|--------------|-----------------------|-------------|--------------|
| N87Z36 | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| N8QQXB | Investigator® 24plex (STRMix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| NBMFF4 | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| NCY6TN | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 12,13 | 17,17 | 10,14 | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15,15 | X | 10,10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6,6 | 8,8 |
| | 16,17 | | | | | |
| ND22T6 | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| NHPCHN | PowerPlex® Fusion 6C (STRmix v2.8) | | | | | |
| | 12,13 | 17,17 | 10,14 | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15,15 | X,X | 10,10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6,6 | 8,8 |
| | 16,17 | | | | | |
| NMGLJA | PowerPlex® Fusion 5C (STRmix 2.7.0) | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | | 6 | 8 |
| | 16,17 | INC | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-----------------------------|-------------|--------------------|-----------------------|------------|-------------|
| NMKBN8 | PowerPlex® Fusion (STRmix) | | | | | |
| | 12,13,16,17 | 13,17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | | 6,7,9.3 | 8 |
| | 14,15,16,17 | INC | | | | |
| NMWJGM | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| NPKVHD | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| NPM4NX | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8,11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14,15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11,12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6 | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| NVMPZE | GlobalFiler™ (STRMIX) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| NW8ZRM | PowerPlex® Fusion 6C | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | 20 | 16 | | |
| NWJ7JG | GlobalFiler™ (STRmix v.2.4) | | | | | |
| | 12,13,17 | 16,17,24 | 10,12,13,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 10,13 | 12,13,14,15 | 15,17,18,19 | 9,10,11,12 | 10,11,12,13 |
| | 14,15,17,22 | 11,12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 19,20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 7,8,9 |
| | 14,15,16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|------------|--------------|-----------------------|-------------|--------------|
| NWWUD4 | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| NXP2M2 | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 18,19 | 9,11 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| P22C94 | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,10,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 14,15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| P4Y4R2 | PowerPlex® Fusion (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | | 6,7,9.3 | 8,9 |
| | 14,16,17 | INC | | | | |
| P78TYY | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| P7YHXD | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,[24] | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,[15] | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,[14],15 | 28,30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,[9] |
| | 14,16,17 | [10] | | | [2] | |
| PA762Q | PowerPlex® Fusion 6C | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 ^ | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9 ^ | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 ^ |
| | NR | 10,12 | 5,14 | 18,27.2 | 6 ^ | 8 |
| | 16,17 | NR | NR | NR | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|----------------------------------|-------------|--------------------|-----------------------|--------------|--------------|
| PB9P76 | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| PCWWZV | GlobalFiler™ | | | | | |
| | 12,13 | 17,24 | 10,12,14 | 14,15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14,15 | 18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,15 | 28,30,32.2 | 15,15 | X,Y | 10,11 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,8 |
| | 14,16,17 | 10 | | | 2 | |
| PE6Q3M | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,[24] | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,[16] | X,[Y] | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,[9] |
| | 14,16,17 | 10 | | | 2 | |
| PFFVDP | GlobalFiler™ (STRmix 2.4) | | | | | |
| | 12,13,17 | 16,17,24 | 9,10,12,13,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 9,10,12,13 | 12,13,14,15 | 15,17,18,19 | 9,10,11,12 | 10,11,12,13 |
| | 14,15,17,22 | 11,12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 19,20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 7,8,9 |
| | 14,15,16,17 | 10 | | | 2 | |
| PJXU37 | Investigator® 24plex QS (STRmix) | | | | | |
| | 11,12,13,17 | 16,17 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 9,10,12,13 | 12,13,14,15 | 15,17,18,19 | 9,10,11 | 10,11,12,13 |
| | 15,16,17,21,22 | 11,12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 19,20,21 | | | 17,18,22.2,26.2,27.2 | 5,6,9.3 | 7,8,9 |
| | 15,16,17 | 10 | | | | |
| PLNV9U | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | NT |
| 3e | [8,11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14,15],17,22 | 12,[14],15 | [28],30,32.2 | 15,16** | X,Y | 10,[12] |
| | 20,21,[22] | NT | NT | 18,[22.2],27.2,[28.2] | 6,7**, [9.3] | 8,[9] |
| | [14],16,17 | 10 | NT | NT | 2 | |
| PT6QR6 | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | 15,17 | 11,11 | |
| 3e | [8,11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14,15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7] | 8,8 |
| | [14],16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|---------|------------------------------------|------------|--------------|-----------------------|---------------|-----------------|
| PTGKAP | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| PUFJW6 | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| PVB78M | PowerPlex® Fusion 6C (STRmix v2.8) | | | | | |
| | 12,13 | 17,17 | 10,14 | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15,15 | X,X | 10,10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6,6 | 8,8 |
| | 16,17 | | | | | |
| PVQAX9 | PowerPlex® Fusion 5C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 12,13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | | 6,7,9.3 | 8,9 |
| | 14,16,17 | INC | | | | |
| PXWXBBD | Identifiler® Plus | | | | | |
| | | 17,17 | | (14),15,17 | 11,11 | |
| 3e | (8),(11),12,12 | 10,13 | | | 9,11 | 11,12,(13) |
| | 17,22 | 12,(14),15 | (28),30,32.2 | | X,X | 10,10,(11),(12) |
| | 20,21 | | | | 6,6,(7),(9.3) | 8,8,(9) |
| | (14),16,17 | | | | | |
| PZRXL2 | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| Q2CQXP | GlobalFiler™ (STRmix v2.7) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|-------------|--------------------|---------------------------|---------------|--------------|
| Q62GJ9 | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8],[11],12,12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11 | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,15 | X,X,[Y] | 10,10 |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,6,[7],[9.3] | 8,8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| Q7UHC4 | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| Q7YJE6 | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| QBXH2N | PowerPlex® Fusion 6C | | | | | |
| | 12,13# | 17# | 10,14# | 15,17# | 11 | |
| 3e | 12# | 10,13 | 13,14# | 18,19# | 9,11 | 11,12# |
| | 17,22# | 12,15# | 30,32.2# | 15# | X# | 10# |
| | 20,21# | 10,12# | 5,14# | 18,27.2# | 6# | 8# |
| | 16,17# | NR# | NR# | NR | | |
| QDG9WD | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 11,12,13,17 | 16,17 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 9,10,12,13 | 12,13,14,15 | 15,17,18,19 | 9,10,11,12 | 11,12,13 |
| | 14,16,17,21,22 | 11,12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 17,18,22.2,26.2,27.2,28.2 | 6,7,9.3 | 7,8 |
| | 14,15,16,17 | 10 | | 16 | | |
| QEQZ49 | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| QFAVU2 | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,13 |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|---|-------------|----------|------------|-------------------|---------|----------|
| QHGL9Q | | | | | | |
| | 12,13# | 17# | 10,14# | 15,17# | 11 | |
| 3e | 12# | 10,13 | 13,14# | 18,19# | NR | 11,12# |
| | 17,22# | 12,15# | 30,32.2# | 15# | X# | 10# |
| | 20,21# | 10,12# | 5,14# | 18,27.2# | 6# | 8# |
| | 16,17# | NR# | NR# | NR# | | |
| QHMZT6 PowerPlex® Fusion 6C (STRmix) | | | | | | |
| | 12,13,17 | 17 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 18,19 | 9,11 | 11,12 |
| | 14,15,17,22 | 12,15 | 28,30,32.2 | 15 | X,Y | 10,12 |
| | 20,21,22 | 10,12,13 | 5,13,14 | 18,22.2,27.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | 20 | 16 | | |
| QHXGQX Investigator® 24plex (STRmix) | | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| QHZ4AW GlobalFiler™ | | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| QJDM7M PowerPlex® Fusion 6C (STRmix) | | | | | | |
| | 12,13 | 17,17 | 10,14 | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15,15 | X,X | 10,10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6,6 | 8,8 |
| | 16,17 | | | | | |
| QK23DA Identifiler® Plus | | | | | | |
| | | 17,17 | | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | | | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | | X,X | 10,10 |
| | 20,21 | | | | 6,6 | 8,8 |
| | 16,17 | | | | | |
| QKR69T Investigator® 24plex QS (STRmix) | | | | | | |
| | 12,13,17 | 17,24 | 10,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|-------------|--------------------|---------------------------|------------|-------------|
| QPMEFQ | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,29,30,32.2 | 15 | X,Y | 10,12 |
| | 20,21,22 | 10,12 | 5,10,13,14 | 18,22.2,27.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| QQ8DBP | PowerPlex® 5C | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | | 6 | 8 |
| | 16,17 | - | | | | |
| QTYTYK | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13 | 17,17 | 10,14 | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15,15 | X,X | 10,10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6,6 | 8,8 |
| | 16,17 | | | | | |
| QWWELG | GlobalFiler™ (STRmix 2.4) | | | | | |
| | 12,13,17 | 16,17,24 | 9,10,12,13,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 9,10,12,13 | 12,13,14,15 | 15,17,18,19 | 9,10,11,12 | 10,11,12,13 |
| | 14,15,17,22 | 11,12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 19,20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 7,8 |
| | 14,15,16,17 | 10 | | | 2 | |
| QYDQ36 | GlobalFiler™ (STRmix) | | | | | |
| | 11,12,13,16,17 | 16,17,24 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 9,10,12,13 | 12,13,14,15 | 15,17,18,19 | 9,10,11,12 | 11,12,13 |
| | 14,15,16,17,21,22 | 12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 20,21,22 | | | 17,18,22.2,26.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,15,16,17 | 10 | | | 2 | |
| QYR887 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| QZLRJR | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|------------|--------------|-----------------------|-------------|--------------|
| QZWK6T | PowerPlex® 21 | | | | | |
| | 12,13,17 | 17,24 | | 14,15,17 | 11 | 11,12,14,18 |
| 3e | 8,11,12 | 10,13 | | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | | 6,7,9.3 | 8,9 |
| | 14,16,17 | | | | | |
| R2TUZ2 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 10,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| R6UTEZ | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| R7PD2Y | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12 | 5,10,13,14 | 18,22.2,27.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | 20 | 16 | | |
| RCCGEQ | GlobalFiler™ (STRMIX) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,12 |
| | 20,21,22 | | | 18,22.2,27.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| RCUBUC | PowerPlex® Fusion 6C | | | | | |
| | 12,13,[17] | 17,[24] | 10,14 | [14],15,17 | 11 | |
| 3e | [8],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,15 | 30,32.2 | 15 | X,[Y] | 10 |
| | 20,21,[22] | 10,12,[13] | 5,[13],14 | 18,[22.2],27.2,[28.2] | 6,[9.3] | 8,[9] |
| | [14],16,17 | | 20 | 16 | | |
| RDLBP3 | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|----------------------------------|-------------|--------------------|---------------------------|-------------|--------------|
| RDNYC8 | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8,11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14,15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],12 |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7,9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| RFA4P7 | Investigator® 24plex QS (STRmix) | | | | | |
| | 11,12,13,17 | 16,17,24 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 10,12,13 | 12,13,14,15 | 17,18,19 | 9,10,11,12 | 11,12,13 |
| | 14,15,17,22 | 11,12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 19,20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| RFUYBV | PowerPlex® Fusion 5C | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,15 | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | 10,12,[13] | 5,[10],[13],14 | | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | 10 | | | | |
| RJKAX8 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 11,12,13,17 | 16,17 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 9,10,12,13 | 12,13,14,15 | 15,17,18,19 | 9,10,11,12 | 10,11,12,13 |
| | 14,15,17,22 | 11,12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X | 9,10,11,12 |
| | 19,20,21,22 | 10,12,13 | 5,10,13,14 | 17,18,22.2,26.2,27.2,28.2 | 6,7 | 8 |
| | 14,15,16,17 | 10 | | 16 | | |
| RKNFMD | GlobalFiler™ | | | | | |
| | 12,13 | 17,17,[24] | 10,[12],14 | 15,17 | 11,11 | |
| 3e | [8],12,12 | 10,13 | 13,14,[15] | 18,19 | 9,11,[12] | 11,12 |
| | [15],17,22 | 12,15 | [28],30,32.2 | 15,15 | XX,[Y] | 10,10,[11] |
| | 20,21 | | | 18,[22.2],27.2 | 6,6 | 8,8 |
| | [14],16,17 | | | | | |
| RKRUJM | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| RLHK6L | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8 |
| | 16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-----------------------------------|------------|-----------------|-----------------------|---------------|-----------------|
| RNXQCB | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| RWFKK8 | PowerPlex® Fusion 5C | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | | 6 | 8 |
| | 16,17 | INC | | | | |
| RWZZAA | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 16,17,24 | 10,12,14 | 14,15,16,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,31.2,32.2 | 14,15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| RXL67L | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| RXNUBJ | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,13 |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | 10 | | | | |
| RXZLZ2 | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8],[11],12,12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| RZPCH7 | GlobalFiler™ (Bulletproof Sentry) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|----------------------------------|------------|-----------------|---------------------------|-------------|--------------|
| T4J99C | PowerPlex® Fusion 6C | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,15 | [28],30,32.2 | 15 | X,[Y] | 10,[12] |
| | 20,21,[22] | 10,12,[13] | 5,[10],[13],14 | 18,[22.2],27.2 | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | [16] | | |
| T4TQ3V | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,12,14 | 14,15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,[7],[9.3] | 8,[9] |
| | 14,16,17 | 10 | | | 2 | |
| T6EMYB | GlobalFiler™ (STRmix) | | | | | |
| | 12,13 | 16,17 | 10,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 10,12,13 | 13,14,15 | 18,19 | 9,11 | 11,12 |
| | 15,16,17,21,22 | 12,14,15 | 29,30,31.2,32.2 | 14,15,16 | X | 9,10,12 |
| | 20,21,22 | | | 17,18,22.2,26.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | | | | 2 | |
| TBFB4V | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,12 |
| | 20,21,22 | 10,12 | 5,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| TBWUZA | Investigator® 24plex QS (strmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| TCJER7 | PowerPlex® Fusion (STRMix) | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | | 6 | 8 |
| | 16,17 | INC | | | | |
| TEQB4H | PowerPlex® Fusion 5C | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | 10,12,[13] | 5,[10],[13],14 | | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|------------|----------------|-------------------|---------------|-----------------|
| TEZ4CH | GlobalFiler™ (STRMIX) | | | | | |
| | 12,13 | 17,24 | 10,12,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,12 |
| | 20,21,22 | | | 18,27.2 | 6,7,9.3 | 8 |
| | 16,17 | 10 | | | 2 | |
| TFMNQA | GlobalFiler™ (STRmix v2.6) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| TFQPRG | PowerPlex® Fusion 6C | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| THY9YA | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| TJ7AJ3 | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| TKDLBC | PowerPlex® Fusion 5C | | | | | |
| | 12,13,(16),(17) | 17,17,(24) | 10,(12),14 | (14),15,17 | 11,11 | |
| 3e | (8),(11),12,12 | 10,13 | 13,14,(15) | (15),18,19 | 9,11,(12) | 11,12,(13) |
| | (14),(15),17,22 | 12,(14),15 | (28),30,32.2 | 15,15,(16) | X,X(X,Y) | 10,10,(11),(12) |
| | 20,21,(22) | 10,12,(13) | 5,(10),(13),14 | | 6,6,(7),(9.3) | 8,8,(9) |
| | (14),16,17 | (10) | | | | |
| TLQD29 | Identifiler® Plus | | | | | |
| | | 17,17,(24) | | (14),15,17 | 11,11 | |
| 3e | (8),12,12 | 10,13 | | | 9,11,(12) | 11,12,(13) |
| | (14),(15),17,22 | 12,(14),15 | (28),30,32.2 | | X,X(Y) | 10,10,(11),(12) |
| | 20,21,(22) | | | | 6,6,(7),(9.3) | 8,8,(9) |
| | (14),16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|--|------------|--------------------|-----------------------|-------------|--------------|
| TLXMLZ | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | | | | [2] | |
| TLYB96 | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| TMN6Q2 | Investigator® 24plex QS (STRmix V2.4.06) | | | | | |
| | 11,12,13,17 | 16,17 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 11,12 | 10,12,13 | 12,13,14,15 | 15,18,19 | 9,11 | 11,12,13 |
| | 16,17,21,22 | 12,14,15 | 28,30,31.2,32.2 | 14,15,16 | X,Y | 9,10 |
| | 20,21 | | | 17,18,26.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 15,16,17 | | | | | |
| TNFHXL | PowerPlex® Fusion 6C | | | | | |
| | 12,13 | 17,17 | 10,14 | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15,15 | X,X | 10,10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6,6 | 8,8 |
| | 16,17 | | | | | |
| TR8P23 | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,[24] | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | [15],18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,[16] | X,[Y] | 10,11,12 |
| | 20,21,[22] | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | [10] | | | [2] | |
| TTHN2C | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,15 | [15],18,19 | 9,11,[12] | 11,12,13 |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| TTREQ3 | Investigator® 24plex (STRmix) | | | | | |
| | 11,12,13,17 | 16,17,24 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 9,10,13 | 12,13,14,15 | 15,17,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,15,16,17 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|---------------------------------|-------------|--------------------|---------------------------|------------|------------|
| TWEXV7 | Investigator® 24plex (STRmix) | | | | | |
| | 11,12,13,17 | 16,17,24 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 9,10,12,13 | 12,13,14,15 | 15,17,18,19 | 9,10,11,12 | 11,12,13 |
| | 14,15,17,22 | 11,12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 19,20,21,22 | | | 17,18,22.2,26.2,27.2,28.2 | 6,7,9.3 | 7,8,9 |
| | 14,15,16,17 | 10 | | | | |
| TZL8G3 | GlobalFiler™ | | | | | |
| | 12,17 | 17 | 10,14 | 14,15 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | | | 18,27.2,28.2 | 6 | 8 |
| | 16,17 | | | | | |
| U2XP9R | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11,11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| U6FRDC | GlobalFiler™ (STRmix 2.4) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,16,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,15,16,17 | 10 | | | 2 | |
| UBN9TR | GlobalFiler™ (STRmix) | | | | | |
| | 12,13 | 17,24 | 10,12,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14,15 | 18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6 | 8 |
| | 14,16,17 | 10 | | | 2 | |
| UCJ4KP | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,13 | 17,17 | 10,14 | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15,15 | X,X | 10,10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6,6 | 8,8 |
| | 16,17 | | | | | |
| UD2Q3P | GlobalFiler™ (STRmix) | | | | | |
| | 12,13 | 17 | 10,12,14 | 15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14 | 18,19 | 9,11,12 | 11,12,13 |
| | 14,17,22 | 12,14,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | | | 18,22.2,27.2 | 6,7,9.3 | 8 |
| | 16,17 | 10 | | | NR | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|--------------------------------------|------------|---------------|-----------------------|-------------|--------------|
| UH9EHC | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 16,17,24 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 9,10,13 | 13,14,15 | 15,17,18,19 | 9,10,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,29,30,32.2 | 14,15,16 | X,Y | 10,11,12 |
| | 19,20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| UJJDHM | PowerPlex® Fusion, VERIFILER Express | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | 14,18 |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | | 6 | 8 |
| | 16,17 | | | | | |
| UKATY6 | GlobalFiler™ (Bulletproof Sentry) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| ULE7Z7 | Investigator® 24plex QS | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[X,Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | | | |
| ULTRBT | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| UMXQHA | PowerPlex® Fusion 5C | | | | | |
| | 12,[13],17 | 17,[24] | 10,14 | [14],15,17 | 11 | |
| 3e | [11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | 17,22 | 12,15 | [28],30,32.2 | 15 | X,[Y] | 10 |
| | 20,21 | 10,12 | 5,14 | | 6 | 8 |
| | [14],16,17 | NT | | | | |
| UNZHMQ | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,14 | 15,17 | 11,11 | |
| 3e | [11],12 | 10,13 | 13,14 | 18,19 | 9,11 | [11],12,[13] |
| | [14],17,22 | 12,[14],15 | 30,32.2 | 15,[16] | X,[Y] | 10,[11] |
| | 20,21,[22] | | | 18,27.2 | 6,[7],[9.3] | 8,8 |
| | 16,17 | No Results | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|-------------|--------------------|---------------------------|-------------|--------------|
| URF2L7 | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| UTN68G | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| UXUYN6 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 11,12,13,17 | 16,17,24 | 10,12,14 | 14,15,16,17 | 10,11,12 | |
| 3e | 8,11,12 | 9,10,13 | 12,13,14,15 | 15,17,18,19 | 9,10,11,12 | 11,12,13 |
| | 14,15,17,22 | 11,12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 19,20,21,22 | 10,11,12,13 | 5,10,13,14 | 17,18,22.2,26.2,27.2,28.2 | 6,7,9.3 | 7,8,9 |
| | 14,15,16,17 | 10 | 20 | 16 | | |
| UYRJX8 | PowerPlex® Fusion 5C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| UZ2CKY | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| V3P8PJ | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | - |
| 3e | 8,11,12 | 10,13 | 13,14 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | - | - | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | - | - | 2 | |
| V62HEQ | Investigator® 24plex QS | | | | | |
| | 12,13,[17] | 17,[24] | 10,14 | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | 17,22 | 12,15 | [28],30,32.2 | 15,15 | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,27.2 | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | No Results | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|------------|--------------|-----------------------|---------------|-----------------|
| V6KG82 | Investigator® 24plex (STRmix) | | | | | |
| | 12,13 | 17,24 | 10,14 | 15,17 | 11 | |
| 3e | 11,12 | 10,13 | 13,14,15 | 18,19 | 9,11 | 11,12,13 |
| | 16,17,21,22 | 12,14,15 | 30,32.2 | 14,15,16 | X | 10 |
| | 20,21 | | | 18,27.2 | 6,7 | 8,9 |
| | 16,17 | | | | | |
| V6PGE2 | PowerPlex® 21 (STRmix (v2.7)) | | | | | |
| | 12,13,[17] | 17,17,[24] | | [14],15,17 | 11,11 | 14,18 |
| 3e | 8,11],12,12 | 10,13 | | [15],18,19 | 9,11 | 11,12,[13] |
| | [15],17,22 | 12,15 | [28],30,32.2 | | XX,[Y] | 10,10,[11] |
| | 20,21,[22] | 10,12 | 5,[10,13],14 | | 6,6 | 8,8,[9] |
| | [14],16,17 | | | | | |
| V84KP7 | Identifiler® Plus | | | | | |
| | | 17,17,[24] | | [14],15,17 | 11,11 | |
| 3e | [8],12,12 | 10,13 | | | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | | XX,[Y] | 10,10,[11],[12] |
| | 20,21,[22] | | | | 6,6,[7],[9.3] | 8,8,[9] |
| | [14],16,17 | | | | | |
| V8GE8R | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| V8QH6X | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| V9ZAXU | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| VAUC6N | GlobalFiler™ (STRmix v2.5) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|----------------------------------|-------------|--------------------|------------------------|--------------|---------------|
| VBHPDM | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X,X | 10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6 | 8 |
| | 16,17 | | | | | |
| VCKBL8 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| VEMYH4 | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7 | 8,9 |
| | 14,16,17 | 10 | | | | |
| VG7K7E | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7] | 8,[9] |
| | [14],16,17 | 10 | | | 2 | |
| VG9AAB | GlobalFiler™ | | | | | |
| | 12,13,[17]* | 17,[24]* | 10,[12],14* | [14],15,17 | 11 | Not Tested |
| 3e | [8],[11],12* | 10,13 | 13,14,[15]* | [15],18,19* | 9,11,[12] | 11,12,[13]* |
| | [14],[15],17,22* | 12,[14],15 | [28],30,32.2* | 15,[16] | X,[Y] | 10,[11],[12]* |
| | 20,21,[22] | Not Tested | Not Tested | 18,[22.2],27.2,[28.2]* | 6,[7],[9.3]* | 8,[9]* |
| | [14],16,17* | [10] | Not Tested | Not Tested | [2]* | |
| VG9VWV | PowerPlex® Fusion (STRmix) | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | | 6 | 8 |
| | 16,17 | INC | | | | |
| VH4Y3Q | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 16,17,24 | 9,10,12,13,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 9,10,12,13 | 12,13,14,15 | 15,17,18,19 | 9,10,11,12 | 10,11,12,13 |
| | 14,15,17,22 | 11,12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 10,11,12 |
| | 19,20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,15,16,17 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|---------------------------------------|-------------|--------------------|-----------------------|--------------|--------------|
| VJKULH | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| VP3VDA | PowerPlex® Fusion 5C | | | | | |
| | 12,13,(17) | 17,(24) | 10,(12),14 | 15,17 | 11 | |
| 3e | (8),12 | 10,13 | 13,14,(15) | (15),18,19 | 9,11,(12) | 11,12,(13) |
| | (14,15),17,22 | 12,(14),15 | (28),30,32.2 | 15,(16) | X,(Y) | 10,(12) |
| | 20,21 | 10,12,(13) | 5,(10,13),14 | | 6,(9.3) | 8 |
| | (14),16,17 | 10 | | | | |
| VP6GDV | Investigator® 24plex (STRmix V2.4.06) | | | | | |
| | 11,12,13 | 16,17,24 | 10,14 | 14,15,16,17 | 10,11 | |
| 3e | 11,12 | 9,10,13 | 12,13,14 | 17,18,19 | 9,11 | 10,11,12 |
| | 15,16,17,21,22 | 12,14,15 | 29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10 |
| | 20,21 | | | 17,18,26.2,27.2 | 6 | 7,8,9 |
| | 15,16,17 | | | | | |
| VRTZAM | PowerPlex® Fusion 6C | | | | | |
| | 12,13,17 | 17,24 | 10,14 | 15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | 16 | | |
| VYHW8W | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| W6BQ9B | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15 | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | 10 | | | 2 | |
| W6CWW3 | Investigator® 24plex (STRmix) | | | | | |
| | 11,12,13 | 16,17,24 | 10,13,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 9,10,12,13 | 12,13,14 | 17,18,19 | 8,9,10,11,12 | 10,11,12,13 |
| | 15,16,17,21,22,23 | 11,12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11 |
| | 19,20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 7,8,9 |
| | 14,15,16,17 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|----------------------------------|-------------|--------------------|---------------------------|--------------|-------------|
| W6VC7J | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X | 10,12 |
| | 20,21,22 | | | 18,22.2,27.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| W8PZQZ | PowerPlex® Fusion 5c (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | | 6,7,9.3 | 8,9 |
| | 14,16,17 | | | | | |
| W94F98 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 11,12,13,17 | 16,17 | 9,10,12,13,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 9,10,12,13 | 12,13,14 | 15,17,18,19 | 8,9,10,11,12 | 10,11,12,13 |
| | 14,15,17,22 | 11,12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 19,20,21,22 | 10,12 | 5,10,13,14 | 17,18,22.2,26.2,27.2,28.2 | 6,7,9.3 | 7,8,9 |
| | 14,15,16,17 | 10 | | 16 | | |
| W9KEHY | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| WALBE2 | Investigator® 24plex QS (STRmix) | | | | | |
| | 11,12,13,17 | 16,17,24 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 9,10,12,13 | 12,13,14,15 | 17,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,15,16,17 | 10 | | | | |
| WAU2TU | PowerPlex® ESI 17 Fast (LR Mix) | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | 15,17 | | |
| 3e | | 10,13 | 13,14,[15] | 18,19 | | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[9.3] | |
| | [14],16,17 | | | | | |
| WLWBQF | GlobalFiler™ (STRMix) | | | | | |
| | 12,13,17 | 17,24 | 10,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,X | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|----------|------------|-------------------|---------|----------|
| WMNXEH | GlobalFiler™ (STRMix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| WN9FTP | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | - | | | 2 | |
| WXVBVL | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |
| WXX4QD | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| X3NVBF | PowerPlex® Fusion 6C | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20 | 10,12 | 5,14 | 18,27.2 | 6 | 8 |
| | 16 | | | | | |
| X3YW3F | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13 | 17,17 | 10,14 | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15,15 | X,X | 10,10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6,6 | 8,8 |
| | 16,17 | | | | | |
| X4YKUR | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------------|----------------|--------------------|-------------------|--------------|-------------|
| X6NGY7 | PowerPlex® Fusion 5C (STRMix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | | 6,7,9.3 | 8,9 |
| | 16,17 | 10 | | | | |
| X7HTPK | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |
| X7M4RJ | PowerPlex® Fusion 6C (STRmix 2.6.1) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| X7XALY | PowerPlex® Fusion (STRmix v2.7) | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | | 6 | 8 |
| | 16,17 | INC | | | | |
| X8VKH2 | PowerPlex® Fusion (STRmix) | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | | 6 | 8 |
| | 16,17 | INC | | | | |
| X93CGP | GlobalFiler™ (STRmix V2.4.06) | | | | | |
| | 12,13,16,17 | 16,17,23,24 | 9,10,11,12,13,14 | 13,14,15,16,17 | 10,11 | - |
| 3e | 8,10,11,12 | 9,10,12,13 | 12,13,14,15 | 15,17,18,19 | 8,9,10,11,12 | 10,11,12,13 |
| | 14,15,16,17,21,22 | 11,12,13,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 19,20,21,22 | - | - | 18,22.2,27.2,28.2 | 5,6,7,9.3 | 7,8,9 |
| | 14,15,16,17 | 10 | - | - | 2 | |
| XAA634 | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-----------------------------------|-------------|--------------------|-------------------|--------------|-------------|
| XAFCQJ | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |
| XC8ZZL | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6 | 8 |
| | 16,17 | | | | | |
| XDUAJE | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| XFBW4F | PowerPlex® Fusion 6C (STRmix 2.8) | | | | | |
| | 12,13 | 17,17 | 10,14 | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15,15 | X,X | 10,10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6,6 | 8,8 |
| | 16,17 | | | | | |
| XG3R9H | Identifiler® Plus | | | | | |
| | | 17,17 | | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | | | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | | X,X | 10,10 |
| | 20,21 | | | | 6,6 | 8,8 |
| | 16,17 | | | | | |
| XM9V8A | GlobalFiler™ (STRmix v2.4.06) | | | | | |
| | 12,13,17 | 16,17,24 | 9,10,12,13,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 9,10,12,13 | 12,13,14,15 | 15,17,18,19 | 8,9,10,11,12 | 10,11,12,13 |
| | 14,15,17,22 | 11,12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 19,20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 7,8,9 |
| | 14,15,16,17 | 10 | | | 2 | |
| XMG32C | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,15 | 28,30,32.2 | 15 | X,Y | 10,12 |
| | 20,21,22 | | | 18,22.2,27.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|------------|--------------|------------------------|-----------|------------|
| XPDUUJ | Identifiler® Plus | | | | | |
| | | 17,17 | | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | | | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | | X,X | 10,10 |
| | 20,21 | | | | 6,6 | 8,8 |
| | 16,17 | | | | | |
| XQT7RE | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| XUD3BX | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 10,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,21.2,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| XUDTQT | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8,11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14,15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7] | 8,[9] |
| | 16,17 | [10] | | | [2] | |
| XWZEEA | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| XYK2JC | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8,11],12 | 10,13 | 13,14,[15] | 18,19 | 9,11,[12] | 11,12,[13] |
| | [14,15],17,22 | 12,[14],15 | 30,32.2 | 15 | X,[Y] | 10,[11,12] |
| | 20,21 | | | 18,[22.2],27.2,[28.2] | 6,[7,9.3] | 8,[9] |
| | 16,17 | [10] | | | [2] | |
| XZ2H6B | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|------------|--------------------|-----------------------|-------------|--------------|
| XZ3JYA | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,10,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 14,15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| Y2J9AM | GlobalFiler™ (STRmixv2.4.06) | | | | | |
| | 12,13,17 | 16,17,24 | 10,12,13,14 | 14,15,16,17 | 10,11 | - |
| 3e | 8,11,12 | 10,13 | 12,13,14,15 | 15,17,18,19 | 9,10,11,12 | 10,11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,29,30,31.2,32.2 | 14,15,16 | X,Y | 9,10,11,12 |
| | 19,20,21,22 | - | - | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,15,16,17 | 10 | - | - | 2 | |
| Y4NYAB | PowerPlex® Fusion 6C | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15 | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | 10,12,[13] | 5,[10],[13],14 | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | [10] | [20] | [16] | | |
| Y6LQJG | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,[24] | 10,[12],14 | 14,15,17 | 11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,[12] | 11,12,13 |
| | [14],[15],17,22 | 12,14,15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],[12] |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | 10 | | | 2 | |
| YAG2FV | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2 | 6,7,9.3 | 8 |
| | 14,16,17 | 10 | | | 2 | |
| YAJ6DX | Investigator® 24plex (STRMix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| YCDA6Q | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 10,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|---------|---|------------|--------------|-----------------------|---------------|-----------------|
| YFATCV | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| 3e | [8],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14,15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11],12 |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7,9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| YLF2J7 | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 16,17,24 | 10,12,14 | 14,15,16,17 | 10,11 | |
| 3e | 8,11,12 | 10,13 | 12,13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 14,15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| Y LX9HP | PowerPlex® Fusion 5C | | | | | |
| | 12,13 | 17,17 | 10,14 | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15,15 | X,X | 10,10 |
| | 20,21 | 10,12 | 5,14 | | 6,6 | 8,8 |
| | 16,17 | No Results | | | | |
| Y PXGNL | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,15 | X,[Y] | 10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | 10 | | | 2 | |
| Y QZHFN | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 30,32.2 | 15,15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2 | 6,7,9.3 | 8,8 |
| | 14,16,17 | 10 | | | 2 | |
| Y RTM24 | PowerPlex® Fusion 5C, Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,13,14 | | 6,7 | 8 |
| | 14,16,17 | 10 | | | | |
| Y VHL9 | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8],[11],12,12 | 10,13 | 13,14,[15] | 18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | 30,32.2 | 15,15,[16] | X,X,[Y] | 10,10,[11],[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,6,[7],[9.3] | 8,8,[9] |
| | [14],16,17 | [10] | | | [2] | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|--------------------------------------|-------------|----------------|-----------------------|---------------|-----------------|
| YZRX38 | GlobalFiler™ (STRmix 2.4) | | | | | |
| | 12,13 | 16,17 | 10,12,13,14 | 14,15,16,17 | 10,11 | |
| 3e | 11,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 15,17,21,22 | 11,12,14,15 | 30,32.2 | 15 | X | 10 |
| | 19,20,21,22 | | | 18,27.2 | 6,7,9.3 | 8 |
| | 14,16,17 | No results | | | No results | |
| Z2273J | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | 15,17 | 11 | |
| 3e | [8,11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7,9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| Z3XJVD | PowerPlex® Fusion 6C (STRmix v. 2.8) | | | | | |
| | 12,13 | 17,17 | 10,14 | 15,17 | 11,11 | |
| 3e | 12,12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15,15 | X,X | 10,10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6,6 | 8,8 |
| | 16,17 | | | | | |
| Z4CEMH | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| Z644PM | PowerPlex® Fusion 6C kit | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8],[11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14],[15],17,22 | 12,[14],15 | [28],30,32.2 | 15,15 | X,[Y] | 10,[12] |
| | 20,21,[22] | 10,12,[13] | 5,[10],[13],14 | 18,[22.2],27.2,[28.2] | 6,[7],[9.3] | 8,[9] |
| | [14],16,17 | 10 | 20 | 16 | | |
| Z98PJW | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 16,17,24 | 10,12,14 | 14,15,17 | 10,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| ZBQT23 | Identifiler® Plus | | | | | |
| | | 17,17,(24) | | (14),15,17 | 11,11 | |
| 3e | (8),12,12 | 10,13 | | | 9,11,(12) | 11,12,(13) |
| | (14),(15),17,22 | 12,(14),15 | (28),30,32.2 | | X,X,(X,Y) | 10,10,(11),(12) |
| | 20,21,(22) | | | | 6,6,(7),(9.3) | 8,8,(9) |
| | (14),16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|-------------------------------|------------|--------------|-----------------------|-----------|------------|
| ZCABGZ | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 15,17 | 11,11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| ZEAWXZ | Investigator® 24plex | | | | | |
| 3e | | | | | | |
| ZG7NEX | GlobalFiler™ | | | | | |
| | 12,13,[17] | 17,[24] | 10,[12],14 | [14],15,17 | 11,11 | |
| 3e | [8,11],12 | 10,13 | 13,14,[15] | [15],18,19 | 9,11,[12] | 11,12,[13] |
| | [14,15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,[11,12] |
| | 20,21,[22] | | | 18,[22.2],27.2,[28.2] | 6,[7,9.3] | 8,[9] |
| | [14],16,17 | [10] | | | [2] | |
| ZGXEVQ | PowerPlex® Fusion 5C | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11,11 | |
| 3e | 8,11,12 | 10,11,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,X / X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| ZMD4B2 | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| ZP273F | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | NT |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | NT | NT | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | NT | NT | 2 | |
| ZRWWMW | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3e - STR Results

| | | | | | | |
|--------|---------------------------------|----------|------------|-------------------|---------|----------|
| ZVAVXM | GlobalFiler™ | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11,11 | |
| 3e | 8,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 30,32.2 | 15,15 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9,3 | 8,8 |
| | 14,16,17 | 10 | | | 2 | |
| ZWLABH | GlobalFiler™ (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9,3 | 8,9 |
| | 14,16,17 | 10 | | | 2 | |
| ZX237Q | Investigator® 24plex (STRmix) | | | | | |
| | 12,13 | 17 | 10,14 | 14,15,17 | 11 | |
| 3e | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X | 10 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9,3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| ZXK8PJ | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,13 | 17 | 10,14 | 15,17 | 11 | |
| 3e | 12 | 10,13 | 13,14 | 18,19 | 9,11 | 11,12 |
| | 17,22 | 12,15 | 30,32.2 | 15 | X | 10 |
| | 20,21 | 10,12 | 5,14 | 18,27.2 | 6 | 8 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| 22CMKP | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 22QWDX | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 24MHAN | Investigator® 24plex (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 26XQFW | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 27AZ8E | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 27E4PM | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 2DA92M | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|--|----------|-------------|---------------------|---------|----------|
| 2JVFB | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 2K2RMV | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 2PZQAE | PowerPlex® 16, Fusion 6C, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | 2 | |
| 2VMNUV | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 2XMT2W | Investigator® 24plex (STRmix) | | | | | |
| | 11,12,16,17 | 17,24 | 10,11,12 | 13,14,16,17 | 10,11 | |
| 3sp | 8,11,12 | 10,12,13 | 12,13,14,15 | 15,17,18 | 11,12 | 12,13 |
| | 14,15 | 13,14,15 | 27,28,29,30 | 14,15,16 | X,Y | 10,11,12 |
| | 21,22 | | | 21.2,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,15,16 | 10 | | | | |
| 2Z8HJN | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 374KGE | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|------------|------------|-----------------------|-------------|------------|
| 376P6G | GlobalFiler™ (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 39EQAN | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 3A9ETJ | Investigator® 24plex QS | | | | | |
| | 12,13,(17) | 17,17 | 10,(12),14 | (14),15,17 | 11,11 | |
| 3sp | (8,11),12,12 | 10,13 | 13,14,(15) | (15),18,19 | 9,11,(12) | 11,12,(13) |
| | (14,15),17,22 | 12,(14),15 | 30,32.2 | 15,15 | X,X,(Y) | 10,10,(12) |
| | 20,21 | | | 18,(22.2),27.2,(28.2) | 6,6,(7,9.3) | 8,8,(9) |
| | (14),16,17 | (10) | | | | |
| 3CZ8PT | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 3D4BBH | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 3DUU4H | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 3JQ69F | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------------|-------------|------------------------|----------|----------|
| 3K6RLN | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 3L6QVP | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 3LXF6J | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 3MXJQ8 | (STRMix) | | | | | |
| | 11,12,13,16,17 | 16,17,23,24 | 9,10,11,12 | 13,14,15,16,17 | 10,11 | |
| 3sp | 8,10,11 | 9,10,12,13 | 12,13,14,15 | 14,15,17,18 | 10,11,12 | 12,13 |
| | 13,14,15 | 13,14,15 | 27,28,29,30 | 14,15,16,17 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,21.2,22.2,27.2,28.2 | 6,7,9.3 | 7,8,9 |
| | 14,15,16 | 10 | | | | |
| 3PPYFN | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 3QFA8G | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 3QLD8M | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| 3RCK66 | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 3RVBK6 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 3TZPBC | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 3VCWZ6 | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 3YCXBZ | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 3Z4WJ8 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 42QP8F | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|---|-------|-------------|----------------|-------|-------|
| 42T7UE | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 43MUDA | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 48DD48 | PowerPlex® Fusion 6C (STRmix - e fraction only) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 49BZZP | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 4AY48W | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| 4CTWD2 | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,16,17 | 17,24 | 10,12 | 13,14,16,17 | 10,11 | |
| 3sp | 8,11 | 10,13 | 12,13,14,15 | 15,18 | 11,12 | 12,13 |
| | 14,15 | 14,15 | 28,29,30 | 14,15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,27.2,28.2 | 7,9.3 | 8,9 |
| | 14,15,16 | 10 | | | | |
| 4DHCDB | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|---------------------------------|------------|------------|------------|-------|------------|
| 4HTQ73 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | not tested |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | not tested | not tested | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | not tested | not tested | 2 | |
| 4J9Q2H | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 4JNQG2 | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 4JW49P | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 4MG4EW | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 4NKGJ7 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 4PDAHV | PowerPlex® Fusion (STRmix v2.7) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| 4PX7QP | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 4QRU9K | GlobalFiler™ (STRMIX) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 4RJXTF | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 4T2Q6B | GlobalFiler™ (STRmix 2.7.0) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 4UTXZ8 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 4VE2R9 | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 4YECN9 | GlobalFiler™ (STRMIX) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| 4YU8ZV | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 4Z2QG4 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 4Z4FJE | GlobalFiler™ (STRmix v2.5) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 4ZZT78 | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 66KNEJ | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 67BNEY | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 686CGQ | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------------|-------------|---------------------|----------|-------|
| 6BGV9Y | GlobalFiler™ (STRmix) | | | | | |
| | 11,12,16,17 | 16,17,23,24 | 9,10,11,12 | 13,14,16,17 | 10,11 | |
| 3sp | 8,10,11 | 9,10,12,13 | 12,13,14,15 | 15,17,18 | 10,11,12 | 12,13 |
| | 13,14,15 | 13,14,15 | 27,28,29,30 | 14,15,16 | X,Y | 11,12 |
| | 20,21,22 | | | 21.2,22.2,27.2,28.2 | 7,9.3 | 8,9 |
| | 14,15,16 | 9,10 | | | 2 | |
| 6E42WA | PowerPlex® 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 6E7NF9 | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 6FA7VJ | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 6GXK3H | GlobalFiler™ (STRmix v2.4.06) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 6K37AE | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 6M4VEM | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|----------------------------------|----------|-------|----------------|-------|----------|
| 6MRFLZ | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 6RM9GG | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 6UZKRT | PowerPlex® 21 | | | | | |
| | 12,17 | 17,24 | | 14,17 | 11,11 | 11,12 |
| 3sp | 8,11 | 10,13 | | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| 6WV9EM | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 6ZX3GX | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,16,17 | 17,24 | 10,12 | 14,16,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 12,13 |
| | 14,15 | 12,14,15 | 28,30 | 14,15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 22.2,27.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 789PLJ | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 78N2CC | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|--------------------------------------|-------|-------|-----------|-------|-------|
| 78NHGG | GlobalFiler™ (STRmix version 2.4.06) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 7ATT4P | PowerPlex® Fusion (STRmix v.2.7) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| 7EKZLX | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 7RHLKH | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 7U89FW | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 7UZV6 | PowerPlex® Fusion 6C (STRmix v 2.8) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 7YB8ZF | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|--------------------------------|-------|-------|-----------|-------|---------|
| 838ZRP | PowerPlex® Fusion (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| 84M27D | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | NR |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,14** |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | NR | NR | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | NR | NR | 2 | |
| 87VDME | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 88MLHC | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 8B4VPN | PowerPlex® Fusion (STRmix 2.7) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| 8C26UR | Investigator® 24plex (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 8C2YTE | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|---------------------------------|-------------|-------------|---------------------|-----------|----------|
| 8DR8QE | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 8JUK44 | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 8KW4MF | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 8LKFC7 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 8PC2BT | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 8PLLQB | VeriFiler Plus | | | | | |
| | 12,17 | 17,24 | 10,12,(14) | 14,17 | 11 | 11,12 |
| 3sp | 8,11,(12) | 10,13 | 13,15 | 15,18,(19) | 11,12 | 13 |
| | 14,15,(17) | (12),14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | (6),7,9.3 | 8,9 |
| | 14,16 | | | | 2 | |
| 8PQKYW | GlobalFiler™ (STRMix) | | | | | |
| | 11,12,16,17 | 16,17,23,24 | 9,10,11,12 | 13,14,16,17 | 10,11 | |
| 3sp | 8,10,11 | 9,10,12,13 | 12,13,14,15 | 15,17,18 | 10,11,12 | 12,13 |
| | 13,14,15 | 14,15 | 27,28,29,30 | 14,15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 21.2,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,15,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| 8Q8F2R | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 8QHLUM | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 8TKWMB | VeriFiler Plus | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | 11,12 |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | | | | 2 | |
| 8TRDAV | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 8UFFTJ | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 8W2GBC | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 8W6FRK | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|---------------------------------|-------|-------|-----------|-------|-------|
| 8XGJHK | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 8YHR3W | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 988X3M | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 98GL4U | Investigator® 24plex (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 99JLQU | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 9AJJH3 | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 9B6Y6K | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| 9BY3K9 | PowerPlex® 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 9EKDPK | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| 9EZW8W | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| 9G77QE | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 9HDKNU | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| 9Y6EFD | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| A4FUHA | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| A6Y8LK | PowerPlex® ESX 16 Fast (DNAs) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | | |
| 3sp | | 10,13 | 13,15 | 15,18 | | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | |
| | 21,22 | | | | 7,9.3 | |
| | 14,16 | | | | | |
| A8E7GV | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| A8JQ33 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| A8T77X | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| AAJTVK | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| ACVX2Z | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| AETLV6 | GlobalFiler™ (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| AFLGHD | GlobalFiler™ (STRmix v2.4.06) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| AH2776 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| AKQZXK | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| ALZJTU | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| AMG6PW | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| AMQYR6 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| AMTZXH | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|----------|
| ANDJCP | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 19,20 | 16 | | |
| ANQLYH | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| APHLXE | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| AT9R3X | GlobalFiler™ (TrueAllele) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 10,11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| ATL2H6 | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| AX44VU | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| B2UPXN | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|----------------------------------|-------------|------------------|-------------------|------------|-------------|
| B3EGCT | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | [10],13 | 10,13 | | 7,9.3 | 8,[9] |
| | 14,16 | 10 | | | | |
| B6MMW9 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| B8BYXY | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| B8F9VR | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| B8VM6L | Investigator® 24plex QS (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| B8XCAJ | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| BKKKBQ | Investigator® 24plex (STRmix) | | | | | |
| | 11,12,13,16,17 | 16,17,23,24 | 9,10,11,12,14 | 13,14,15,16,17 | 10,11 | |
| 3sp | 8,10,11,12 | 9,10,12,13 | 12,13,14,15 | 14,15,17,18,19 | 9,10,11,12 | 11,12,13,14 |
| | 14,15,17,22 | 12,13,14,15 | 27,28,29,30,32.2 | 14,15,16,17 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,15,16,17 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| BLVHHB | PowerPlex® 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| BNCZ9C | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| BQCBTZ | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| BR48HU | PowerPlex® Fusion 5C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| BUBTN8 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| BUW9BP | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| BWY3ZU | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| BXM3UD | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15,[22] | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| BY4QH6 | GlobalFiler™ (STRMIX) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| BZQ6B2 | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| C3AV6Y | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| C3JZAW | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| C4PF82 | GlobalFiler™ (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| C6M9DR | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------------|-------|-------|------------|-------|-------|
| C7YLYC | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| C7YULM | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| CATHAG | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,[15],17 | 11 | |
| 3sp | 8,11,[12] | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| CB78GZ | PowerPlex® Fusion 6C (STRmix v.2.8) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| CB927E | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| CBM7RC | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| CCM9QB | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|---------------------------------------|-------|-------|-----------|-------|-------|
| CDVJ9J | Investigator® 24plex QS (STRMix V2.4) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| CGQNVQ | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| CKBXM3 | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | NT |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | NT | NT | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | NT | NT | 2 | |
| CKUL6X | NGM Select | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | | |
| 3sp | | 10,13 | 13,15 | 15,18 | | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | |
| | 14,16 | | | | | |
| CL7ZM7 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| CMHCQG | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| CTMDQB | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------------|-------|-------|-----------|-------|-------|
| CU2T9J | Investigator® 24plex QS (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| CU6WX9 | GlobalFiler™ (STRmix v2.5) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| CVC4YP | Investigator® 24plex QS, FlexPlex27 | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | 11,12 |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | N/A | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | N/A | |
| CWC69E | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| D2ERU3 | GlobalFiler™ (STRmix v2.4.06) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| D2GABX | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| D83XJ4 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|----------------------------------|-------|-------|-----------|-------|-------|
| DCVX36 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| DDVLTG | Investigator® 24plex QS (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| DF4DZH | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| DJKEK4 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| DJYG84 | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| DLPYMP | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| DRTVGM | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| DTPA4F | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| DTPFA | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| DWK88D | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| DY4BPH | PowerPlex® Fusion 5C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| DY4F37 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| DYEQDK | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| E3VU2M | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|----------------------------------|-------|-------|-----------|-------|-------|
| E4ELHC | PowerPlex® Fusion (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| E7YM2D | GlobalFiler™ (STR-mix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| EA4A4A | Investigator® 24plex (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| ECJXWT | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| EE2VUD | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| EFUHKV | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| EHGAED | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| EJ9PTA | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| EKC3WV | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| EP2BWB | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| EPMR4Q | Investigator® 24plex (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| EPN7NJ | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| EQJKFH | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| ETGMQ7 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------------|--------------|---------------------|-----------|------------|
| ETMGKJ | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| ETMHNP | GlobalFiler™ (STRmix) | | | | | |
| | 11,12,13,16,17 | 16,17,23,24 | 9,10,11,12 | 13,14,16,17 | 10,11 | |
| 3sp | 8,10,11 | 9,10,12,13 | 12,13,14,15 | 14,15,17,18 | 10,11,12 | 12,13 |
| | 13,14,15 | 13,14,15 | 27,28,29,30 | 14,15,16,17 | X,Y | 10,11,12 |
| | 20,21,22 | | | 21.2,22.2,27.2,28.2 | 7,9.3 | 8,9 |
| | 14,15,16 | 9,10 | | | 2 | |
| EU4M8N | GlobalFiler™ | | | | | |
| | 12,[13],17 | 17,24 | 10,12,[14] | 14,[15],17 | 11 | |
| 3sp | 8,11,[12] | 10,13 | 13,15 | 15,18,[19] | [9],11,12 | [11],13 |
| | 14,15,[17],[22] | [12],14,15 | 28,30,[32.2] | 15,16 | X,Y | [10],11,12 |
| | 21,22 | | | [18],22.2,28.2 | [6],7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| EUE2AH | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| EUZZUG | PowerPlex® 21 | | | | | |
| | 12,17 | 17,24 | | 14,17 | 11,11 | 11,12 |
| 3sp | 8,11 | 10,13 | | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | [10],11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| EZ6VL4 | GlobalFiler™ (STRmix v2.5.11) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| EZ7RP8 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | | |
|--------|------------------------------------|---------------|------------|--------------|--------------|-------------|------------|
| EZ8Y4F | Investigator® 24plex (STRmix) | | | | | | |
| | | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| | 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | | |
| F4CFEM | PowerPlex® Fusion 5C | | | | | | |
| | | 12,[13,17] | 17,[24] | 10,[12],14 | [14],15,17 | 11 | |
| | 3sp | [8,11],12 | 10,13 | 13,14,[15] | [15],18,[19] | [9],11,[12] | 11,12,13 |
| | | [14,15],17,22 | 12,[14],15 | [28],30,32.2 | 15,[16] | X,[Y] | 10,11,[12] |
| | | [20],21,[22] | 10,12,[13] | 5,[10],13,14 | | 6,[7,9.3] | 8,[9] |
| | [14],16,[17] | 10 | | | | | |
| F8KVHR | PowerPlex® Fusion 6C (STRmix) | | | | | | |
| | | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| | 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | | |
| F8MKK4 | GlobalFiler™ (STRmix v2.5) | | | | | | |
| | | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| | 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | | |
| F9FG6Q | GlobalFiler™ | | | | | | |
| | | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| | 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | | |
| FB6UZF | Identifiler® Plus | | | | | | |
| | | | 17,24 | | 14,17 | 11,11 | |
| | 3sp | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | | |
| FF6W8V | PowerPlex® Fusion 6C (STRmix v2.8) | | | | | | |
| | | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| | 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|----------------------------------|----------|-------|-----------|---------|-------|
| FF9JK3 | VeriFiler Plus | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | 11,12 |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | | | | 2 | |
| FFCDTU | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| FFDUPL | Investigator® 24plex | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| FJQML7 | GlobalFiler™ (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| FKXFEE | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 12,14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| FL2C6H | Investigator® 24plex QS (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| FMPV3A | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|---------------------------------|------------|--------------|-----------------------|-----------|------------|
| FNWFJH | PowerPlex® Fusion (STRMix v2.7) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| FQ48J7 | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | |
| | | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| FRKTGT | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| FU4HE7 | PowerPlex® ESX 17Fast | | | | | |
| | 12,[13],17 | 17,24 | 10,12,[14] | 14,[15],17 | | |
| 3sp | | 10,13 | 13,[14],15 | 15,18,[19] | | [11,12],13 |
| | 14,15,[17,22] | [12],14,15 | 28,30,[32.2] | 15,16 | X,Y | |
| | [20],21,22 | | | [18],22.2,[27.2],28.2 | [6],7,9.3 | |
| | 14,16,[17] | | | | | |
| FZM2KT | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,13,17 | 17,24 | 10,12,14 | 14,15,17 | 11 | |
| 3sp | 8,11,12 | 10,13 | 13,14,15 | 15,18,19 | 9,11,12 | 11,12,13 |
| | 14,15,17,22 | 12,14,15 | 28,30,32.2 | 15,16 | X,Y | 10,11,12 |
| | 20,21,22 | 10,12,13 | 5,10,13,14 | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| G6QLLV | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| G8HL2E | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|----------------------------------|-------|-------|-----------|-------|-------|
| GACPA2 | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| GAKUB9 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| GB4RUW | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| GBDXG7 | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| GC2GEX | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| GD6D8M | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| GDJ9P4 | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|---|-------|-------|-----------|-------|-------|
| GF7ZPC | Investigator® 24plex QS (STRmix V2.4.06) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| GJ82PA | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| GK2CH9 | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| GLCQU4 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| GLM49U | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| GN47HY | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| GT9Y9X | GlobalFiler™ (GeneMapper ID-X Software v 1.5) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|----------------------------|-------|-------|-----------|-------|-------|
| GTT6WA | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| GUV6LU | GlobalFiler™ (STRMIX) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| GVMTF6 | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| GVWWWA | PowerPlex® Fusion (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| GZ2WGL | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| H3WT2R | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| HCECDB | GlobalFiler™ (TrueAllele) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|------------------------------------|-------|-------|-----------|-------|-------|
| HCKN8L | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| HDLREW | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| HE9ZV7 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| HEL3RZ | PowerPlex® Fusion 5C, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| HEM4CX | GlobalFiler™ (STRmix*) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| HH6K3B | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| HH8G4U | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------------|-------|-------|-----------|-------|-------|
| HHDNLB | GlobalFiler™ (Sentry (BulletProof)) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| HHLF9X | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| HHQF7X | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| HHX9T4 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| HJ26MP | PowerPlex® Fusion 6C, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| HJQ3CC | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| HKH3B9 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|----------------------------------|-------|-------|-----------|-------|-------|
| HM6V76 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| HN9T3C | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| HNV4AK | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| HQ6AM3 | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| HTM9UN | GlobalFiler™ (STRmix 2.4) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| HV8WWW | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| HW4BJN | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | | |
|--------|----------------------------------|----------------|-------------|-------------|------------------------|------------|-------------|
| HZMQ6U | GlobalFiler™ | | | | | | |
| | | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| | 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | | |
| J2ZJWG | Investigator® 24plex (STRmix) | | | | | | |
| | | 11,12,16,17 | 16,17,23,24 | 9,10,11,12 | 13,14,16,17 | 10,11 | |
| | 3sp | 8,10,11 | 9,10,12,13 | 12,13,14,15 | 14,15,17,18,19 | 10,11,12 | 12,13 |
| | | 13,14,15,17 | 12,13,14,15 | 27,28,29,30 | 14,15,16,17 | X,Y | 10,11,12 |
| | | 20,21,22 | | | 21.2,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,15,16 | 10 | | | | | |
| J3LNTR | GlobalFiler™ (STRmix) | | | | | | |
| | | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| | 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | | |
| J64G6N | Investigator® 24plex (STRmix) | | | | | | |
| | | 11,12,13,16,17 | 16,17,23,24 | 9,10,11,12 | 13,14,15,16,17 | 10,11,12 | |
| | 3sp | 7,8,10,11,12 | 9,10,12,13 | 12,13,14,15 | 14,15,17,18 | 9,10,11,12 | 11,12,13,14 |
| | | 13,14,15 | 13,14,15 | 27,28,29,30 | 14,15,16,17 | X,Y | 10,11,12 |
| | | 20,21,22 | | | 18,21.2,22.2,27.2,28.2 | 6,7,9.3 | 7,8,9 |
| | 14,15,16,17 | 10 | | | | | |
| J843QU | Investigator® 24plex QS (STRmix) | | | | | | |
| | | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| | 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | | |
| JB4PJ3 | GlobalFiler™ (STRmix) | | | | | | |
| | | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| | 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | | |
| JCHQLA | PowerPlex® Fusion 6C (STRmix) | | | | | | |
| | | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| | 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| JDT8J4 | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| JEQD9A | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| JG67NG | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| JJDGL7 | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| JNBA32 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| JNFMNC | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| JQ2B74 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| JQPHLM | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| JRCPHY | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| JVG2BY | GlobalFiler™ (STRmix v2.5) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| JW8ZRH | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| JXFTBD | PowerPlex® Fusion (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| JXHDD3 | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| JXRYJV | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-----------------------------------|-------|-------|-----------|-------|-------|
| K3PB7Z | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| K4YDXQ | PowerPlex® Fusion 6C (STRmix 2.8) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| K6EMXH | Investigator® 24plex (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| K6WRFG | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| K77PFR | PowerPlex® Fusion 6C (STRmix 2.8) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| K8LGV9 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| K8N4E8 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|--|-------|----------|-----------|---------|----------|
| K9KY4K | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| K9U43G | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| KCRQV6 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| KHXJNE | PowerPlex® Fusion (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| KK4EER | PowerPlex® Fusion 6C, GlobalFiler™, NGM SElect | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | 2 | |
| KKKYGV | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11,12 | 10,13 | 13,14,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 10,11,12 |
| | 21,22 | | | 22.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| KREF6D | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|------------------------------------|-------------|-------------|---------------------|-------|-------|
| KTE7VU | PowerPlex® ESI 17 | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | | |
| 3sp | | 10,13 | 13,15 | 15,18 | | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | |
| | 14,16 | | | | | |
| KVLZJL | | | | | | |
| | 11,12,16,17 | 16,17,23,24 | 10,12 | 13,14,16,17 | 10,11 | |
| 3sp | 8,11 | 9,10,12,13 | 12,13,14,15 | 15,17,18 | 11,12 | 12,13 |
| | 13,14,15 | 14,15 | 28,29,30 | 14,15,16 | X,Y | 11,12 |
| | 21,22 | | | 21.2,22.2,27.2,28.2 | 7,9.3 | 8,9 |
| | 14,15,16 | 10 | | | 2 | |
| KXQNYC | GlobalFiler™ (Bullet Proof Sentry) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| KZC2FL | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| L8LAB6 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| L8U3HP | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| L8VEFY | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| L9Y7Z7 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| LA37P7 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| LAJ8F3 | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| LBK3Z | GlobalFiler™ (STRmix™) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| LCBXPT | PowerPlex® Fusion | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| LCV3BJ | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| LDR92K | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|------------|------------|------------|-------|------------|
| LE3CDN | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| LE4C9H | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| LK2E6W | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| LK6LHV | GlobalFiler™ (STRmix v2.5) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| LKJK78 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| LKPJWC | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| LLBXXL | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | Not Tested |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | Not Tested | Not Tested | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | Not Tested | Not Tested | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|----------------------------------|-------|-------|-----------|-----------|---------|
| LLXP67 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | [9],11,12 | [11],13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| LMFCXR | PowerPlex® Fusion 6C (STRMIX) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| LML3AN | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| LNFBZV | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| LP4CVG | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| LPCKMN | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| LPE87M | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------------|----------------|-------|-------|
| LR2WHN | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| LTY8AA | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| LUF3GC | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,16,17 | 17,24 | 10,12 | 13,14,16,17 | 10,11 | |
| 3sp | 8,11 | 10,13 | 12,13,14,15 | 15,18 | 11,12 | 12,13 |
| | 14,15 | 14,15 | 28,29,30 | 14,15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,27.2,28.2 | 7,9.3 | 8,9 |
| | 14,15,16 | 10 | | | | |
| LW36EP | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| M2PXQB | Investigator® 24plex (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| M68WY4 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| M6NALB | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|------------|
| M79KMA | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| M88K9T | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| MDYTKZ | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| ME9784 | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| MEZQQ9 | PowerPlex® 21 (STRmix) | | | | | |
| | 12,17 | 17,24 | | 14,17 | 11,11 | 11,12 |
| 3sp | 8,11 | 10,13 | | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| MHRR8H | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12,[13] |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| MK7HLY | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-----------------------------------|-------|-------|-----------|---------|-------|
| MK7L8N | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| MU9ZW3 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| MWRM6B | PowerPlex® Fusion (STRmix V2.7.0) | | | | | |
| 3sp | | | | | | |
| MYJQ6X | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| MZANPW | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| N24HTQ | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| N6MR8C | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|------------------------------------|-------|-------|-----------|-------|-------|
| N79W6N | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| N87Z36 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| N8QQXB | Investigator® 24plex (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| NBMFF4 | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| NCY6TN | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| ND22T6 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| NHPCHN | PowerPlex® Fusion 6C (STRmix v2.8) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------------|-------|-------|-----------|---------|-------|
| NMGLJA | PowerPlex® Fusion 5C (STRmix 2.7.0) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| NMKBN8 | PowerPlex® Fusion (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| NMWJGM | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 9,11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| NPKVHD | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| NPM4NX | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| NVMPZE | GlobalFiler™ (STRMIX) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| NW8ZRM | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|------------|-----------|---------|
| NWJ7JG | GlobalFiler™ (STRmix v.2.4) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| NWWUD4 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | [11],13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| NXP2M2 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| P22C94 | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| P4Y4R2 | PowerPlex® Fusion (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| P78TYY | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| P7YHXD | GlobalFiler™ | | | | | |
| | 12,[13],17 | 17,24 | 10,12 | 14,[15],17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | [6],7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|----------------------------------|-------|-------|-----------|-------|-------|
| PA762Q | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| PB9P76 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| PCWWZV | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| PE6Q3M | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| PFFVDP | GlobalFiler™ (STRmix 2.4) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| PJXU37 | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| PLNV9U | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | NT |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | NT | NT | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | NT | NT | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|------------------------------------|-------|---------|-----------|-------|-------|
| PT6QR6 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| PTGKAP | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| PUFJW6 | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| PVB78M | PowerPlex® Fusion 6C (STRmix v2.8) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| PVQAX9 | PowerPlex® Fusion 5C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 5,10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| PXWXBD | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| PZRXL2 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|------------|--------------|----------------|-----------|------------|
| Q2CQXP | GlobalFiler™ (STRmix v2.7) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| Q62GJ9 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| Q7UHC4 | GlobalFiler™ | | | | | |
| | 12,[13],17 | 17,24 | 10,12,[14] | 14,[15],17 | 11 | |
| 3sp | 8,11,[12] | 10,13 | 13,[14],15 | 15,18,[19] | [9],11,12 | [11],13 |
| | 14,15,[17],[22] | [12],14,15 | 28,30,[32.2] | 15,16 | X,Y | [10],11,12 |
| | 21,22 | | | [18],22.2,28.2 | [6],7,9.3 | 8,9 |
| | 14,16,[17] | 10 | | | 2 | |
| Q7YJE6 | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| QBXH2N | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| QDG9WD | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| QEQZ49 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| QFAVU2 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| QHGL9Q | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| QHMZT6 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| QHGXGX | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| QHZ4AW | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| QJDM7M | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| QK23DA | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|----------------------------------|-------------|-------------|---------------------------|----------|----------|
| QKR69T | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| QPMEFQ | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| QQ8DBP | PowerPlex® 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| QTYTYK | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| QWWELG | GlobalFiler™ (STRmix 2.4) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| QYDQ36 | GlobalFiler™ (STRmix) | | | | | |
| | 11,12,16,17 | 16,17,23,24 | 9,10,11,12 | 13,14,15,16,17 | 10,11 | |
| 3sp | 8,11 | 9,10,12,13 | 12,13,14,15 | 14,15,17,18 | 10,11,12 | 12,13 |
| | 13,14,15 | 13,14,15 | 27,28,29,30 | 14,15,16,17 | X,Y | 10,11,12 |
| | 20,21,22 | | | 21.2,22,22.2,27.2,28,28.2 | 7,9.3 | 8,9 |
| | 14,15,16 | 9,10 | | | 2 | |
| QYR887 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| QZLRJR | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| QZWK6T | PowerPlex® 21 | | | | | |
| | 12,17 | 17,24 | | | 11 | 11,12 |
| 3sp | | 10,13 | | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | | 8,9 |
| | 14,16 | | | | | |
| R2TUZ2 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| R6UTEZ | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| R7PD2Y | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| RCCGEQ | GlobalFiler™ (STRMIX) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| RCUBUC | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|----------------------------------|-------|-------|-----------|-------|-------|
| RDLBP3 | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| RDNYC8 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| RFA4P7 | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| RFUYBV | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| RJKAX8 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| RKNFMD | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| RKRUJM | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|----------------------------------|----------|---------------|-------------------|---------|----------|
| RLHK6L | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| RNXQCB | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| RWFKK8 | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| RWZZAA | Investigator® 24plex (STRmix) | | | | | |
| | 12,13,17 | 17,23,24 | 10,11,12 | 14,15,16,17 | 11 | |
| 3sp | 8,11 | 10,12,13 | 13,14,15 | 15,18 | 11,12 | 12,13 |
| | 14,15,17 | 14,15 | 28,29,30,32.2 | 14,15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,16,17 | 10 | | | | |
| RXL67L | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| RXNUBJ | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| RXZLZ2 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-----------------------------------|-------------|-------------|---------------------|-------|----------|
| RZPCH7 | GlobalFiler™ (Bulletproof Sentry) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| T4J99C | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| T4TQ3V | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| T6EMYB | GlobalFiler™ (STRmix) | | | | | |
| | 11,12,16,17 | 16,17,23,24 | 10,11,12 | 13,14,16,17 | 10,11 | |
| 3sp | 8,11 | 9,10,12,13 | 13,14,15 | 15,18 | 11,12 | 12,13 |
| | 14,15 | 14,15 | 27,28,29,30 | 14,15,16 | X,Y | 10,11,12 |
| | 20,21,22 | | | 21.2,22.2,27.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| TBFB4V | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| TBWUZA | Investigator® 24plex QS (strmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| TCJER7 | PowerPlex® Fusion (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| TEQB4H | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| TEZ4CH | GlobalFiler™ (STRMIX) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| TFMNQA | GlobalFiler™ (STRmix v2.6) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| TFQPRG | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| THY9YA | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| TJ7AJ3 | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| TKDLBC | PowerPlex® Fusion 5C | | | | | |
| | 12,(15),17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|--|------------|------------|-----------|-------|---------|
| TLQD29 | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 3sp | 8,11,(12) | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| TLXMLZ | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| TLYB96 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| TMN6Q2 | Investigator® 24plex QS (STRmix V2.4.06) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| TNFHXL | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| TR8P23 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12,[14] | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | [11],13 |
| | 14,15,[17],[22] | [12],14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| TTHN2C | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|---------------------------------|-------|-------|-----------|-------|-------|
| TTREQ3 | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| TWEXV7 | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| TZL8G3 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| U2XP9R | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| U6FRDC | GlobalFiler™ (STRmix 2.4) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| UBN9TR | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| UCJ4KP | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|--------------------------------------|-------|-------|-----------|-------|-------|
| UD2Q3P | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| UH9EHC | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| UJJDHM | PowerPlex® Fusion, VERIFILER Express | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | 11,12 |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| UKATY6 | GlobalFiler™ (Bulletproof Sentry) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| ULE7Z7 | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| ULTRBT | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| UMXQHA | PowerPlex® Fusion 5C | | | | | |
| | 12,[17] | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | [8],11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,[9] |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| UNZHMQ | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| URF2L7 | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| UTN68G | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| UXUYN6 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| UYRJX8 | PowerPlex® Fusion 5C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| UZ2CKY | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| V3P8PJ | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | - |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | - | - | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | - | - | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|--------------|-----------|-----------|-------|
| V62HEQ | Investigator® 24plex QS | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| V6KG82 | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| V6PGE2 | PowerPlex® 21 (STRmix (v2.7)) | | | | | |
| | 12,17 | 17,24 | | 14,17 | 11,11 | 11,12 |
| 3sp | 8,11 | 10,13 | | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30,[32.2] | | X,Y | 11,12 |
| | [20],21,22 | 10,13 | 10,13 | | [6],7,9.3 | 8,9 |
| | 14,16,[17] | | | | | |
| V84KP7 | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| V8GE8R | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| V8QH6X | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| V9ZAXU | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|----------------------------------|------------|------------|------------|-------|------------|
| VAUC6N | GlobalFiler™ (STRmix v2.5) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| VBHPDM | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| VCKBL8 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| VEMYH4 | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| VG7K7E | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| VG9AAB | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | Not Tested |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | Not Tested | Not Tested | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | Not Tested | Not Tested | 2 | |
| VG9VWV | PowerPlex® Fusion (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|---------------------------------------|-------------|-------------|---------------------|------------|----------|
| VH4Y3Q | Investigator® 24plex (STRmix) | | | | | |
| | 11,12,13,16,17 | 16,17,23,24 | 9,10,11,12 | 13,14,15,16,17 | 10,11 | |
| 3sp | 8,10,11,12 | 9,10,12,13 | 12,13,14,15 | 14,15,17,18,19 | 9,10,11,12 | 11,12,13 |
| | 13,14,15 | 12,13,14,15 | 27,28,29,30 | 14,15,16,17 | X,Y | 10,11,12 |
| | 20,21,22 | | | 21.2,22.2,27.2,28.2 | 6,7,9.3 | 7,8,9 |
| | 14,15,16 | 10 | | | | |
| VJKULH | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| VP3VDA | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| VP6GDV | Investigator® 24plex (STRmix V2.4.06) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| VRTZAM | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,15,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 12,14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,12,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16,17 | 10 | 20 | 16 | | |
| VYHW8W | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| W6BQ9B | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|----------------------------------|------------|--------------|-----------------------|-----------|--------------|
| W6CWW3 | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| W6VC7J | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| W8PZQZ | PowerPlex® Fusion 5c (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| W94F98 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| W9KEHY | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| WALBE2 | Investigator® 24plex QS (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| WAU2TU | PowerPlex® ESI 17 Fast (LR Mix) | | | | | |
| | 12,[13],17 | 17,24 | 10,12,[14] | 14,[15],17 | | |
| 3sp | | 10,13 | 13,[14],15 | 15,18,[19] | | [11],[12],13 |
| | 14,15,[17],[22] | [12],14,15 | 28,30,[32.2] | 15,16 | X,Y | |
| | [20],21,22 | | | [18],22.2,[27.2],28.2 | [6],7,9.3 | |
| | 14,16,[17] | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|---------------|----------------|------------------------|----------|----------|
| WLWBQF | GlobalFiler™ (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| WMNXEH | GlobalFiler™ (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| WN9FTP | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| WXVBVL | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| WXX4QD | Investigator® 24plex (STRmix) | | | | | |
| | 11,12,13,16,17 | 16,17,23,24 | 9,10,11,12 | 13,14,16,17 | 10,11 | |
| 3sp | 8,10,11 | 9,10,11,12,13 | 12,13,14,15 | 14,15,17,18 | 10,11,12 | 12,13 |
| | 13,14,15 | 13,14,15 | 27,28,29,30,31 | 14,15,16,17 | X,Y | 10,11,12 |
| | 20,21,22 | | | 18,21.2,22.2,27.2,28.2 | 7,9.3 | 8,9 |
| | 14,15,16 | 10 | | | | |
| X3NVBF | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| X3YW3F | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------------|-------|-------|-----------|-------|-------|
| X4YKUR | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| X6NGY7 | PowerPlex® Fusion 5C (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| X7HTPK | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| X7M4RJ | PowerPlex® Fusion 6C (STRmix 2.6.1) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| X7XALY | PowerPlex® Fusion (STRmix v2.7) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| X8VKH2 | PowerPlex® Fusion (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | INC | | | | |
| X93CGP | GlobalFiler™ (STRmix V2.4.06) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | - |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | - | - | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | - | - | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-----------------------------------|-------|----------|-----------|-------|-------|
| XAA634 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12,14 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| XAFCQJ | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| XC8ZZL | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| XDUAJE | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| XFBW4F | PowerPlex® Fusion 6C (STRmix 2.8) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| XG3R9H | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| XM9V8A | GlobalFiler™ (STRmix v2.4.06) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | | |
|--------|-------------------------------|----------|-------|-------|-----------|-------|-------|
| XMG32C | GlobalFiler™ | | | | | | |
| | | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| | 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | | |
| XPDUUJ | Identifiler® Plus | | | | | | |
| | | | 17,24 | | 14,17 | 11,11 | |
| | 3sp | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | | |
| XQT7RE | GlobalFiler™ (STRmix) | | | | | | |
| | | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| | 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | | |
| XUD3BX | PowerPlex® Fusion 6C (STRmix) | | | | | | |
| | | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| | 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | | |
| XUDTQT | GlobalFiler™ | | | | | | |
| | | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| | 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | | |
| XWZEEA | GlobalFiler™ (STRmix) | | | | | | |
| | | 12,17 | 17,24 | 10,12 | 14,15,17 | 11 | |
| | 3sp | 8,11,12 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | | 14,15,17 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | | |
| XYK2JC | GlobalFiler™ | | | | | | |
| | | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| | 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-------------------------------|-------|-------|-----------|-------|-------|
| XZ2H6B | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| XZ3JYA | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| Y2J9AM | GlobalFiler™ (STRmixv2.4.06) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | - |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | - | - | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | - | - | 2 | |
| Y4NYAB | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| Y6LQJG | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| YAG2FV | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| YAJ6DX | Investigator® 24plex (STRMix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|---------|---|----------|-------------|---------------------|---------|----------|
| YCDA6Q | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| YFATCV | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11,[12] | 10,13 | 13,15 | 15,18 | 11,12 | [11],13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| YLF2J7 | Investigator® 24plex (STRmix) | | | | | |
| | 11,12,16,17 | 17,24 | 10,11,12 | 13,14,16,17 | 10,11 | |
| 3sp | 8,11,12 | 10,12,13 | 12,13,14,15 | 15,17,18 | 11,12 | 12,13 |
| | 14,15 | 13,14,15 | 27,28,29,30 | 14,15,16 | X,Y | 10,11,12 |
| | 21,22 | | | 21.2,22.2,27.2,28.2 | 6,7,9.3 | 8,9 |
| | 14,15,16 | 10 | | | | |
| Y LX9HP | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| Y PXGNL | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| Y QZHFN | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| Y RTM24 | PowerPlex® Fusion 5C, Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12,14 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15,22 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 20,21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|--------------------------------------|-------|-------|-----------|-------|-------|
| YVHKL9 | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| YZRX38 | GlobalFiler™ (STRmix 2.4) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| Z2273J | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| Z3XJVD | PowerPlex® Fusion 6C (STRmix v. 2.8) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| Z4CEMH | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| Z644PM | PowerPlex® Fusion 6C kit | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| Z98PJW | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|-----------------------|-------|-------|-----------|-------|-------|
| ZBQT23 | Identifiler® Plus | | | | | |
| | | 17,24 | | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | | | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | | X,Y | 11,12 |
| | 21,22 | | | | 7,9.3 | 8,9 |
| | 14,16 | | | | | |
| ZCABGZ | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| ZEAWXZ | Investigator® 24plex | | | | | |
| 3sp | | | | | | |
| | | | | | | |
| ZG7NEX | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| ZGXEVQ | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| ZMD4B2 | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| ZP273F | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | NT |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | NT | NT | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | NT | NT | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 3sp - STR Results

| | | | | | | |
|--------|---------------------------------|-------|-------|-----------|-------|-------|
| ZRWMWM | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | 20 | 16 | | |
| ZVAVXM | GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| ZWLABH | GlobalFiler™ (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |
| ZX237Q | Investigator® 24plex (STRmix) | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11,11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13,13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | | | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | | |
| ZXK8PJ | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 12,17 | 17,24 | 10,12 | 14,17 | 11 | |
| 3sp | 8,11 | 10,13 | 13,15 | 15,18 | 11,12 | 13 |
| | 14,15 | 14,15 | 28,30 | 15,16 | X,Y | 11,12 |
| | 21,22 | 10,13 | 10,13 | 22.2,28.2 | 7,9.3 | 8,9 |
| | 14,16 | 10 | | | 2 | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|------------|---------|-----------|------------|-------|
| 22CMKP | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 22QWDX | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 24MHAN | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 26XQFW | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NM | | | NM | |
| 27AZ8E | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 27E4PM | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | No Results | |
| 2DA92M | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|--|-------|---------|-----------|-------|-------|
| 2JVFB | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 2K2RMV | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| 2PZQAE | PowerPlex® 16, Fusion 6C, GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 2THXP2 | ID+ | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 2VMNUV | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NM | | | NM | |
| 2XMT2W | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 2Z8HJN | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|---------|-----------|-------|-------|
| 32YJXV | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 374KGE | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 376P6G | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 39EQAN | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3A9ETJ | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3CZ8PT | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3D4BBH | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| 3DUU4H | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3JQ69F | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3K6RLN | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3L6QVP | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,20 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3LXF6J | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| 3MXJQ8 | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3PPYFN | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| 3QFA8G | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3QLD8M | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3RCK66 | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3RVBK6 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3TZPBC | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NM | | | NM | |
| 3VCWZ6 | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 3YCXBZ | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| 3Z4WJ8 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 42QP8F | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 42T7UE | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| 43MUDA | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 48DD48 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 49BZZP | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4AY48W | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|---------------------------------|------------|------------|------------|-------|------------|
| 4CTWD2 | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4DHCDB | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4EV6EZ | Identifiler® Plus | | | | | |
| | | 23 | | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | | | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | | X | 10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4HTQ73 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | not tested |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | not tested | not tested | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | not tested | not tested | NR | |
| 4JNQG2 | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4JW49P | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4KY8KL | PowerPlex® Fusion 5C, MiniFiler | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | N/A |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | N/A | 7,9.3 | 9,12 |
| | 16,17 | NR/NE | N/A | N/A | N/A | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|---------|-----------|-------|-------|
| 4MG4EW | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4NKGJ7 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4P4PZT | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4PDAHV | PowerPlex® Fusion (STRmix v2.7) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| 4PX7QP | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4QRU9K | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4RJXTF | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| 4T2Q6B | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4UTXZ8 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4VE2R9 | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4YECN9 | GlobalFiler™ (STRMix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4YU8ZV | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4Z2QG4 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 4Z4FJE | GlobalFiler™ (STRmix v2.5) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|---------------------------------|------------|-----------------|-------------------|----------|---------|
| 4ZZT78 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 6662RH | PowerPlex® Fusion 5C, MiniFiler | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | NA |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | NA | 7,9.3 | 9,12 |
| | 16,17 | NR/NE | NA | NA | NA | |
| 66KNEJ | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| 67BNYV | Investigator® 24plex | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |
| 686CGQ | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NM | | | NM | |
| 6A49QK | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 6BGV9Y | GlobalFiler™ (STRmix) | | | | | |
| | 13,14,15 | 22,23 | 10.3,11.3,13,14 | 13,14 | 10,11,12 | |
| 4 | 8,9,10,11 | 9,10,12,13 | 13,14,15 | 17.3,18.3,20,21 | 8,11,12 | 10,11 |
| | 11,12,15,16 | 12,13,14 | 28,29,30 | 14,15,16,17 | X | 9,10 |
| | 19,20,21 | | | 26.2,27.2,28,28.2 | 7,9.3 | 9,11,12 |
| | 15,16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|------------|---------|-----------|------------|-------|
| 6E42WA | PowerPlex® 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | - | | | | |
| 6E7NF9 | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 6FA7VJ | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 6GXK3H | GlobalFiler™ (STRmix v2.4.06) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | no results | | | no results | |
| 6HRDXZ | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 6K37AE | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 6M4VEM | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|------------|---------|-----------|------------|-------|
| 6MRFLZ | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | No Results | |
| 6RM9GG | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 6UZKRT | PowerPlex® 21 | | | | | |
| | 14,15 | 23,23 | | 14,14 | 11,12 | 18,19 |
| 4 | 9,11 | 10,13 | | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 6WV9EM | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 6ZX3GX | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 789PLJ | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 78N2CC | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|----------------------------------|-----------|---------|-----------|-----------|-----------|
| 78NHGG | GlobalFiler™ (STRmix v 2.4.06) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No result | | | No result | |
| 7ATT4P | PowerPlex® Fusion (STRmix v.2.7) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| 7CZJHE | PowerPlex® Fusion 5C, MiniFiler | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | NA |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | NA | 7,9.3 | 9,12 |
| | 16,17 | NR/NE | NA | NA | NA | |
| 7EKZLX | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | [8],10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 7FYUDE | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | NA |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | NA | 7,9.3 | 9,12 |
| | 16,17 | NR/NE | NA | NA | NA | |
| 7RHLKH | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 7TKC3C | PowerPlex® Fusion, MiniFiler | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| 7U89FW | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 7UZV6 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 7YB8ZF | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | ND | | | ND | |
| 838ZRP | PowerPlex® Fusion (STRMix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| 84M27D | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | NR |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | NR | NR | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | NR | NR | NR | |
| 87VDME | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| 88MLHC | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|---------|-----------|-------|-------|
| 8AV9HF | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8B4VPN | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| 8C26UR | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8DR8QE | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| 8HHPW | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8JUK44 | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8LKFC7 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|---------------------------------|------------|----------|-----------------|----------|-------|
| 8MBBKE | PowerPlex® Fusion 5C, MiniFiler | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | NA |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | NA | 7,9.3 | 9,12 |
| | 16,17 | NR/NE | NA | NA | NA | |
| 8PC2BT | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8PLLQB | VeriFiler Plus | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | 18,19 |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | ND | |
| 8PQKYW | GlobalFiler™ (STRMix) | | | | | |
| | 13,14,15 | 22,23 | 11.3,14 | 13,14 | 10,11,12 | |
| 4 | 8,9,10,11 | 9,10,12,13 | 13,14,15 | 17.3,18.3,20,21 | 8,11,12 | 10,11 |
| | 11,12,15,16 | 12,13,14 | 28,29,30 | 14,15,16,17 | X | 9,10 |
| | 19,20,21 | | | 26.2,27.2,28.2 | 7,9.3 | 9,12 |
| | 15,16,17 | | | | | |
| 8Q8F2R | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8QHLUM | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8TKWMB | VeriFiler Plus | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | 18,19 |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | ND | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| 8TRDAV | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8UFFTJ | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8W2GBC | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8W6FRK | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8WKC4Y | Investigator® 24plex | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8XGJHK | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 8YHR3W | Investigator® 24plex QS | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|---------|-----------|-------|-------|
| 988X3M | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 98GL4U | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 99JLQU | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | ND | ND | ND | | |
| 9AJJH3 | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 9B6Y6K | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | | |
| 9BY3K9 | PowerPlex® 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | NR | NR | | |
| 9EKDPK | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| 9EZW8W | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 9G77QE | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 9HDKNU | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| 9JCQZ | Investigator® 24plex (STRMIX) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| 9Y6EFD | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| A4FUHA | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| A6Y8LK | PowerPlex® ESX 16 Fast | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | | |
| 4 | | 10,13 | 14,15 | 18.3,21 | | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | |
| | 20,21 | | | | 7,9.3 | |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|------------|---------|-----------|------------|-------|
| A8E7GV | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23,[24] | 11.3,14 | 14,14 | 11,12,[13] | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| A8JQ33 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| A8T77X | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | No Results | |
| AAJTVK | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | --- | | | --- | |
| ACVX2Z | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ADT9TW | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| AEQXC7 | PowerPlex® 16 | | | | | |
| | | | | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | | 29,30 | | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-----------|---------|-----------|-----------|-------|
| AETLV6 | GlobalFiler™ (STRMix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| AFLGHD | GlobalFiler™ (STRmix v2.4.06) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No result | | | No result | |
| AH2776 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| AKQZXK | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ALZJTU | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| AMG6PW | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| AMQYR6 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| AMTZXH | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ANDJCP | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ANQLYH | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| APHLXE | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| AT9R3X | GlobalFiler™ (TrueAllele) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ATL2H6 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| AX44VU | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|----------------------------------|---------|---------|-----------|-------|-------|
| AYFDU2 | PowerPlex® Fusion, MiniFiler | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |
| B2UPXN | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| B3EGCT | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,[14] | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | NT | | | | |
| B6MMW9 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| B8BYXY | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| B8F9VR | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| B8VM6L | Investigator® 24plex QS (STRMix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| B8XCAJ | Investigator® 24plex QS | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| BCPLFB | Investigator® 24plex | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| BKKKBQ | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| BNCZ9C | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| BQCBTZ | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| BR48HU | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| BUBTN8 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-----------------------|------------|---------|-----------|------------|-------|
| BUW9BP | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| BVFJEC | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | NA |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | NA | 7,9.3 | 9,12 |
| | 16,17 | NR/NE | NA | NA | NA | |
| BWY3ZU | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | No Results | |
| BXM3UD | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| BY4QH6 | GlobalFiler™ (STRMIX) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| BZQ6B2 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| C3AV6Y | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|----------------------|-------|---------|-----------|-------|-------|
| C4PF82 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| C6M9DR | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| C7YULM | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | -- | | | -- | |
| CATHAG | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| CB78GZ | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| CB927E | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| CBM7RC | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------|------------|------------|------------|-------|-------|
| CCM9QB | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No results | No Results | No Results | | |
| CDVJ9J | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| CGQNVQ | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |
| CHNYRT | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 4 | 9,9 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| CKBXM3 | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | NT |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | NT | NT | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | NT | NT | NR | |
| CKUL6X | NGM SElect | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | | |
| 4 | | 10,13 | 14,15 | 18.3,21 | | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | |
| | 16,17 | | | | | |
| CL7ZM7 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|----------------------------------|-------|---------|-----------|-------|-------|
| CLNBMT | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| CMHCQG | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| CTMDQB | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| CU2T9J | Investigator® 24plex QS (STRMix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| CU6WX9 | GlobalFiler™ (STRmix v2.5) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| CVC4YP | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | N/A |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | N/A | N/A | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | N/A | N/A | N/A | N/A | |
| CWC69E | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-----------|---------|-----------|-----------|-------|
| CWVX2B | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| D2ERU3 | GlobalFiler™ (STRmix v2.4.06) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No result | | | No result | |
| D2GABX | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| D83XJ4 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NM | | | NM | |
| DCVX36 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| DDVLTG | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| DETFNL | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|---------|-----------|-------|-------|
| DF4DZH | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| DJKEK4 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| DJYG84 | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| DLPYMP | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| DRTVGM | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| DTPA4F | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| DWK88D | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| DY4BPH | PowerPlex® Fusion 5C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| DY4F37 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| DYEQDK | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| E3VU2M | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| E4ELHC | PowerPlex® Fusion (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| E7YM2D | GlobalFiler™ (STR-mix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| EA4A4A | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| ECJXWT | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| EE2VUD | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| EFUHKV | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| EHGAED | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| EJ9PTA | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| EKC3WV | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ENKTF6 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-----------------------|-------|---------|-----------|-------|-------|
| EP2BWB | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| EPMR4Q | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| EPN7NJ | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| EQJKFH | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ERDGJH | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ETGMQ7 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ETMGKJ | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| ETMHNP | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| EU4M8N | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| EUE2AH | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| EUZZUG | PowerPlex® 21 | | | | | |
| | 14,15 | 23,23 | | 14,14 | 11,12 | 18,19 |
| 4 | 9,11 | 10,13 | | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| EZ6VL4 | GlobalFiler™ (STRmix v2.5.11) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| EZ7RP8 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| EZ8Y4F | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|---------------------------------|------------|---------|-----------|------------|-------|
| F2V3U | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| F4CFEM | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | NT | | | | |
| F8KVHR | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| F8MKK4 | GlobalFiler™ (STRmix v2.5) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| F9FG6Q | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | No Results | |
| FB6UZF | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| FDZN7K | PowerPlex® Fusion 5C, MiniFiler | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | NA |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | NA | 7,9.3 | 9,12 |
| | 16,17 | NR/NE | NA | NA | NA | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------|-------|---------|-----------|-------|-------|
| FF6W8V | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| FF9JK3 | VeriFiler Plus | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | 18,19 |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | ND | |
| FFCDTU | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| FFDUPL | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| FJQML7 | GlobalFiler™ (STRMix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| FKXFEE | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| FL2C6H | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|------------|-----------|-------|-------|
| FMPV3A | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19,[20] | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| FNWFJH | PowerPlex® Fusion (STRMix v2.7) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| FQ48J7 | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| FRKTGT | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| FU4HE7 | PowerPlex® ESX 17 Fast | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | | |
| 4 | | 10,13 | 14,15 | 18.3,21 | | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | |
| | 16,17 | | | | | |
| FZM2KT | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| G6QLLV | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|---------|-----------|-------|-------|
| G8HL2E | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GACPA2 | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GB4RUW | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GBDXG7 | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GC2GEX | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GD6D8M | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GDJ9P4 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|---|-------|---------|-----------|-------|-------|
| GF7ZPC | Investigator® 24plex QS | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GJ82PA | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| GK2CH9 | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GLCQU4 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| GLM49U | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GN47HY | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| GT9Y9X | GlobalFiler™ (GeneMapper ID-X Software v 1.5) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|---------|-----------|-------|------|
| GTT6WA | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GUV6LU | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GVMTF6 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | N/R | | | N/R | |
| GZ2WGL | Investigator® 24plex QS | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | N/A | | | | |
| H3WT2R | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| H86VLG | PowerPlex® Fusion 5C, MiniFiler | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | NA |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | NA | 7,9.3 | 9,12 |
| | 16,17 | NR/NE | NA | NA | NA | |
| HCECDB | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|------------------------------------|-------|---------|-----------|-------|-------|
| HCKN8L | Investigator® 24plex QS (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| HDLREW | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| HE9ZV7 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| HEL3RZ | PowerPlex® Fusion 5C, GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| HEM4CX | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| HH6K3B | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| HH8G4U | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------------|-------|---------|-----------|-------|-------|
| HHDNLB | GlobalFiler™ (Sentry (BulletProof)) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| HHLF9X | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| HHQF7X | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| HJ26MP | PowerPlex® Fusion 6C, GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| HJQ3CC | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| HKH3B9 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| HN9T3C | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | -- | | | -- | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|---------------------------|------------|---------|-----------|------------|-------|
| HNV4AK | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| HRH7C6 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| HTM9UN | GlobalFiler™ (STRmix 2.4) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | none | | | none | |
| HV8WWV | PowerPlex® Fusion | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| HW4BJN | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | {13,14} | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | No Results | |
| HZMQ6U | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| J2DN2M | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| J2ZJWG | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| J3LNTR | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| J843QU | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| JB4PJ3 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| JCHQLA | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| JEQD9A | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| JG67NG | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| JJGL7 | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| JNBA32 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| JNFMNC | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| JQ2B74 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| JQPHLM | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| JRCPHY | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| JVG2BY | GlobalFiler™ (STRmix v2.5) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| JW8ZRH | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| JXFTBD | PowerPlex® Fusion (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| JXRYJV | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| K3PB7Z | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| K4YDXQ | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| K6EMXH | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| K6WRFG | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|----------------------------------|-------|---------|-----------|-------|-------|
| K77PFR | PowerPlex® Fulsion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| K8LGV9 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| K8N4E8 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| K9KY4K | Investigator® 24plex QS (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| KBC43B | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| KCRQV6 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| KHXJNE | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|--|------------|----------|-----------------|----------|-------|
| KK4EER | PowerPlex® Fusion 6C, GlobalFiler™, NGM SElect | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| KKKYGV | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| KPC7JC | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| KREF6D | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| KTE7VU | PowerPlex® ESI 17 | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | | |
| 4 | | 10,13 | 14,15 | 18.3,21 | | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | |
| | 16,17 | | | | | |
| KVLZJL | | | | | | |
| | 13,14,15 | 22,23 | 11.3,14 | 13,14 | 10,11,12 | |
| 4 | 9,11 | 9,10,12,13 | 13,14,15 | 17.3,18.3,20,21 | 8,11,12 | 10,11 |
| | 11,12,15,16 | 13,14 | 28,29,30 | 14,15,16 | X | 9,10 |
| | 19,20,21 | | | 26.2,27.2,28.2 | 7,9.3 | 9,12 |
| | 15,16,17 | | | | | |
| KXQNYC | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| KZC2FL | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| L27K3T | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | - | - | | |
| L8U3HP | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| L8VEFY | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| L9Y7Z7 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LA37P7 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LAJ8F3 | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| LBEK3Z | GlobalFiler™ (STRmix™) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| LCBXPT | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LCV3BJ | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LDR92K | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LE3CDN | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LE4C9H | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LK2E6W | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|------------|------------|------------|------------|------------|
| LK6LHV | GlobalFiler™ (STRmix v2.5) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| LKJK78 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| LKPJWC | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LLBXXL | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | Not Tested |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | Not Tested | Not Tested | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | Not Tested | Not Tested | No Results | |
| LLXP67 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LMFCXR | PowerPlex® Fusion 6C (STRMIX) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LML3AN | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|----------------------------------|-------|---------|-----------|-------|-------|
| LNF8ZV | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LP4CVG | Investigator® 24plex QS (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LPCKMN | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LPE87M | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LR2WHN | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LTY8AA | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| LUF3GC | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|----------------------|-------|---------|-----------|-------|-------|
| LW36EP | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| M2PXQB | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| M68WY4 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| M6NALB | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| M6RRTL | Investigator® 24plex | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |
| M79KMA | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| M88K9T | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|------------|---------|-----------|------------|-------|
| MDYTKZ | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ME9784 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | No Results | |
| MEZQQ9 | PowerPlex® 21 (STRmix) | | | | | |
| | 14,15 | 23,23 | | 14,14 | 11,12 | 18,19 |
| 4 | 9,11 | 10,13 | | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| MFBM4Z | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| MHRR8H | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| MK7HLY | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| MK7L8N | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-----------------------------------|-------|---------|-----------|-------|-------|
| MRME7Z | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| MU9ZW3 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| MWRM6B | PowerPlex® Fusion (STRmix V2.7.0) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| MYJQ6X | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| MZANPW | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| N24HTQ | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| N6MR8C | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-----------------------|-------|---------|-----------|-------|-------|
| N79W6N | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| N87Z36 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| N8QQXB | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| NBMFF4 | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| NCY6TN | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ND22T6 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| NHPCHN | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------------|-------|--------------|-----------|-------|------|
| NMGLJA | PowerPlex® Fusion 5C (STRmix 2.7.0) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| NMKBN8 | PowerPlex® Fusion (STRmix) | | | | | |
| | 14,15 | 23 | 10.3,11.3,14 | 12,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 9,10,19 | | 7,9.3 | 9,12 |
| | 15,16,17 | INC | | | | |
| NMWJGM | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| NPKVHD | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| NPM4NX | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| NVMPZE | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| NW8ZRM | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-----------------------------|-----------|---------|-----------|-----------|-------|
| NWJ7JG | GlobalFiler™ (STRmix v.2.4) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | no result | | | no result | |
| NWWUD4 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| NXP2M2 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| P22C94 | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| P4Y4R2 | PowerPlex® Fusion (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| P78TYY | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| P7YHXD | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|----------------------------------|--------------|---------|-----------|--------------|-------|
| PA762Q | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | NR | NR | | |
| PB9P76 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| PCWWZV | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| PE6Q3M | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| PFFVDP | GlobalFiler™ (STRmix 2.4) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | Not detected | | | Not detected | |
| PJXU37 | Investigator® 24plex QS (STRmix) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| PLNV9U | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | NT |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | NT | NT | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | NT | NT | NR | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|--------------|-----------|-------|-------|
| PMTCUK | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| PT6QR6 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | -- | | | -- | |
| PTGKAP | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NM | | | NM | |
| PUFJW6 | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| PVB78M | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| PVQAX9 | PowerPlex® Fusion 5C (STRmix) | | | | | |
| | 14,15 | 23 | 10.3,11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,18,19 | | 7,9.3 | 9,12 |
| | 16,17 | INS | | | | |
| PXWXBD | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| PZRXL2 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| Q2CQXP | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| Q7UHC4 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| Q7YJE6 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| QBXH2N | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | NR | NR | | |
| QDG9WD | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| QEQZ49 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| QFAVU2 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| QFHV4Y | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| QGP49V | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| QHGL9Q | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | NR | NR | | |
| QHMZT6 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| QHXGQX | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| QHZ4AW | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|------------|---------|-----------|------------|-------|
| QJDM7M | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| QK23DA | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| QKR69T | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | | |
| QPMEFQ | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| QQ8DBP | PowerPlex® 5C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | - | | | | |
| QTYTYK | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| QWWELG | GlobalFiler™ (STRmix 2.4) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | no results | | | no results | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|------------|------------|-----------------|----------|-------|
| QYDQ36 | GlobalFiler™ (STRmix) | | | | | |
| | 13,14,15 | 22,23 | 11.3,13,14 | 13,14 | 10,11,12 | |
| 4 | 8,9,10,11 | 9,10,12,13 | 13,14,15 | 17.3,18.3,20,21 | 8,11,12 | 10,11 |
| | 11,12,15,16 | 12,13,14 | 28,29,30 | 14,15,16 | X | 9,10 |
| | 19,20,21 | | | 26.2,27.2,28.2 | 7,9.3 | 9,12 |
| | 15,16,17 | | | | | |
| QYR887 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| QZ7RXV | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| QZLRJR | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| QZWK6T | PowerPlex® 21 | | | | | |
| | 14,15 | 23 | | 14 | 11,12 | 18,19 |
| 4 | 9,11 | 10,13 | | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| R2TUZ2 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| R6UTEZ | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| R7PD2Y | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| RCCGEQ | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| RCUBUC | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| RDLBP3 | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| RDNYC8 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| RFA4P7 | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| RJKAX8 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| RKNFMD | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| RKRUJM | PowerPlex® Fusion 6c | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| RLHK6L | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| RNXQCB | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |
| RWFKK8 | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| RWZZAA | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| RXL67L | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| RXNUBJ | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| RXZLZ2 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| RZPCH7 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| T4J99C | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| T4TQ3V | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| T6EMYB | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TBFB4V | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|----------------------------------|-------|---------|-----------|-------|-------|
| TBWUZA | Investigator® 24plex QS (strmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TCJER7 | PowerPlex® Fusion (STRMix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| TEQB4H | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TEZ4CH | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TFMNQA | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |
| TFQPRG | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| THY9YA | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|---------|-----------|-------|-------|
| TJ7AJ3 | Investigator® 24plex | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TKDLBC | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TLXMLZ | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TLYB96 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TMN6Q2 | Investigator® 24plex QS | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TMZTJU | PowerPlex® Fusion 5C, MiniFiler | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | NA |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | NA | 7,9.3 | 9,12 |
| | 16,17 | NR/NE | NA | NA | NA | |
| TNFHXL | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|---------------------------------|------------|---------|-----------|------------|-------|
| TR8P23 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TTHN2C | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | No Results | |
| TTREQ3 | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TWEXV7 | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| TYDXN6 | PowerPlex® Fusion 5C, MiniFiler | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | NA |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | NA | 7,9.3 | 9,12 |
| | 16,17 | NR/NE | NA | NA | NA | |
| TZL8G3 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| U2XP9R | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | --- | | | --- | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|--------------------------------------|------------|---------|-----------|------------|-------|
| U6FRDC | GlobalFiler™ (STRmix 2.4) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | no results | | | no results | |
| UBN9TR | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| UCGF2Q | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |
| UCJ4KP | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| UD2Q3P | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| UH9EHC | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| UJJDHM | PowerPlex® Fusion, VERIFILER Express | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | 18,19 |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| UKATY6 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ULE7Z7 | Investigator® 24plex QS | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ULTRBT | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| UMXQHA | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | NT | | | | |
| URF2L7 | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| UTN68G | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| UXUYN6 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| UYRJX8 | Investigator® 24plex | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |
| UZ2CKY | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | -- | | | -- | |
| V3P8PJ | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | - |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | - | - | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NM | - | - | NM | |
| V6KG82 | Investigator® 24plex | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| V6PGE2 | PowerPlex® 21 | | | | | |
| | 14,15 | 23,23 | | 14,14 | 11,12 | 18,19 |
| 4 | 9,11 | 10,13 | | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| V8GE8R | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| V8QH6X | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|---------------------------------|------------|------------|------------|-----------|------------|
| V9ZAXU | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| VAUC6N | GlobalFiler™ (STRmix v2.5) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| VBHPDM | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| VCKBL8 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| VEMYH4 | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| VG7K7E | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| VG9AAB | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | Not Tested |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | Not Tested | Not Tested | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Result | Not Tested | Not Tested | No Result | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|----------------------------|-------|---------|-----------|-------|-------|
| VG9VWV | PowerPlex® Fusion (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| VJKULH | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| VP3VDA | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| VP6GDV | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| VRTZAM | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| VYHW8W | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| W6BQ9B | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| W6CWW3 | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| W6VC7J | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| W7KVLY | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| W8PZQZ | PowerPlex® Fusion 5c (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| W94F98 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| W9KEHY | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| WALBE2 | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|---------|-----------|-------|-------|
| WAU2TU | PowerPlex® ESI 17 Fast (LR Mix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | | |
| 4 | | 10,13 | 14,15 | 18.3,21 | | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | |
| | 16,17 | | | | | |
| WK8TBZ | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| WLWBQF | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| WMNXEH | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| WN9FTP | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| WWM34E | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| WXG9JQ | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|---------|-----------|-------|-------|
| WXVBVL | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| WXX4QD | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| X2LWTL | PowerPlex® Fusion 5C, MiniFiler | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | NA |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | NA | 7,9.3 | 9,12 |
| | 16,17 | NR/NE | NA | NA | NA | |
| X3NVBF | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| X3YW3F | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| X4YKUR | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| X6NGY7 | Investigator® 24plex | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|---------|--------------------------------|-------|---------|-----------|-------|-------|
| X7HTPK | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| X7M4RJ | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| X7XALY | PowerPlex® Fusion (STRmix 2.7) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| X8VKH2 | PowerPlex® Fusion | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| X93CGP | GlobalFiler™ (STRmix V2.4.06) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | - |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | - | - | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | - | - | - | - |
| XAA634 | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| XAFCCQJ | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|---------------------------------|-----------|---------|-----------|-----------|-------|
| XC6DGL | PowerPlex® Fusion, MiniFiler | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |
| XC8ZZL | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| XDUAJE | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| XFBW4F | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| XM9V8A | GlobalFiler™ (STRmix v2.4.06) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No result | | | No result | |
| XMG32C | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| XPPTKL | PowerPlex® Fusion, MiniFiler | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| XQT7RE | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| XUD3BX | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| XUDTQT | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| XWFGMP | Investigator® 24plex | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| XWZEEA | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| XYK2JC | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| XZ2H6B | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| XZ3JYA | PowerPlex® Fusion 6C (STRMix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| Y2J9AM | GlobalFiler™ (STRmixV2.4.06) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | - |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | - | - | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | - | - | - | - |
| Y4NYAB | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| Y6LQJG | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| Y8A9P9 | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| YAG2FV | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| YAJ6DX | Investigator® 24plex (STRMix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|---------|-------------------------------|------------|---------|-----------|-------|-------|
| YCDA6Q | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| YFATCV | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| YLF2J7 | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| Y LX9HP | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | | |
| YQZHFN | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |
| YRTM24 | Investigator® 24plex QS | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | | |
| YVHKL9 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|------------|---------|-----------|------------|-------|
| YZRX38 | GlobalFiler™ (STRmix 2.4) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No results | | | No results | |
| Z2273J | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| Z3XJVD | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| Z4CEMH | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| Z98PJW | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ZBQT23 | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ZCABGZ | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|-------------------------------|-------|---------|-----------|-------|-------|
| ZEAWXZ | Investigator® 24plex | | | | | |
| 4 | [Redacted] | | | | | |
| ZG7NEX | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ZGXEVQ | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ZMD4B2 | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| ZP273F | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | NT |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | NT | NT | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | NT | NT | NR | |
| ZRWMWM | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ZVAVXM | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | - | | | - | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4 - STR Results

| | | | | | | |
|--------|---------------------------------|-------|---------|-----------|-------|-------|
| ZWLABH | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | NR | | | NR | |
| ZX237Q | Investigator® 24plex | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| ZXK8PJ | PowerPlex® Fusion, GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4 | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4e - STR Results

| | | | | | | |
|--------|-------------------------------|------------|------------|------------|-------|-------|
| 2RX87K | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | | |
| 4J9Q2H | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | ND | | | | ND |
| 8C2YTE | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | | |
| 8KW4MF | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | No Results | No Results | | |
| BLVHHB | PowerPlex® 6C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | | |
| C3JZAW | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| C7YLYC | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4e - STR Results

| | | | | | | |
|--------|----------------------------|------------|------------|------------|------------|-------|
| DTPFA | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | No Results | No Results | | |
| E9Q7CY | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GAKUB9 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | No Results | No Results | | |
| GVWWWA | PowerPlex® Fusion (STRmix) | | | | | |
| | 14,15 | 23 | 11,3,14 | 14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | INC | | | | |
| HHX9T4 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | No Results | |
| HM6V76 | PowerPlex® Fusion 6C | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,[21] | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | No Results | No Results | | |
| HQ6AM3 | GlobalFiler™ (STRmix) | | | | | |
| | 14,15 | 23,23 | 11,3,14 | 14,14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | No Results | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4e - STR Results

| | | | | | | |
|--------|-------------------------------|------------|---------|-----------|-------|-------|
| J64G6N | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| JDT8J4 | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| JXHDD3 | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | | |
| K9U43G | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 4e | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| L8LAB6 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| Q62GJ9 | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| RFUYBV | PowerPlex® Fusion 5C | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | 13,14 | 10,19 | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4e - STR Results

| | | | | | | |
|--------|-------------------------|------------|---------|-----------|------------|-------|
| TLQD29 | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 4e | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| UNZHMZ | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | No Results | |
| V62HEQ | Investigator® 24plex QS | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | | |
| V84KP7 | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 4e | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| VH4Y3Q | Investigator® 24plex | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| XG3R9H | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 4e | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| XPDUUJ | Identifiler® Plus | | | | | |
| | | 23,23 | | 14,14 | 11,12 | |
| 4e | 9,11 | 10,13 | | | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | | X,X | 10,10 |
| | 20,21 | | | | 7,9.3 | 9,12 |
| | 16,17 | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4e - STR Results

| | | | | | | |
|--------|-----------------------------|------------|---------|-----------|------------|-------|
| YPXGNL | GlobalFiler™ | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | No Results | |
| Z644PM | Investigator® 24plex QS kit | | | | | |
| | 14,15 | 23,23 | 11.3,14 | 14,14 | 11,12 | |
| 4e | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11,11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X,X | 10,10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | No Results | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4sp - STR Results

| | | | | | | |
|--------|-------------------------------|------------|------------|------------|------------|------------|
| 2RX87K | Investigator® 24plex QS | | | | | |
| | No Results | No Results | No Results | No Results | No Results | |
| 4sp | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | | | No Results | No Results | No Results |
| | No Results | No Results | | | | |
| 4J9Q2H | GlobalFiler™ | | | | | |
| | ND | [23] | ND | ND | ND | |
| 4sp | ND | ND | ND | ND | ND | ND |
| | ND | ND | ND | ND | ND | ND |
| | ND | | | ND | ND | ND |
| | ND | ND | | | ND | |
| 8C2YTE | PowerPlex® Fusion 5C | | | | | |
| | No Results | No Results | No Results | No Results | No Results | |
| 4sp | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | | No Results | No Results |
| | No Results | No Results | | | | |
| 8KW4MF | PowerPlex® Fusion 6C | | | | | |
| | No Results | No Results | No Results | No Results | No Results | |
| 4sp | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | No Results | | |
| BLVHHB | PowerPlex® 6C | | | | | |
| | No Results | No Results | No Results | No Results | No Results | |
| 4sp | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | | | | |
| C3JZAW | Investigator® 24plex (STRmix) | | | | | |
| | 15 | 23 | | 14 | 11 | |
| 4sp | | | 14,15 | 18.3,21 | | 11 |
| | 12,16 | 13 | 29 | 15,16 | | 10 |
| | 21 | | | 27.2,28.2 | | 9,12 |
| | 16 | | | | | |
| C7YLYC | PowerPlex® Fusion 5C | | | | | |
| | 15,--- | No Results | 11.3,--- | 14,--- | No Results | |
| 4sp | 11,--- | 10,13 | 14,15 | 21,--- | 8,--- | 11,--- |
| | 12,--- | 13,14 | 29,30 | No Results | X,--- | No Results |
| | 20,--- | 13,--- | No Results | | No Results | 9,--- |
| | 17,--- | No Results | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4sp - STR Results

| | | | | | | |
|--------|----------------------------|------------|------------|------------|------------|------------|
| DTPFA | PowerPlex® Fusion 6C | | | | | |
| | No Results | No Results | No Results | No Results | No Results | |
| 4sp | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | No Results | No Results | No Results |
| E9Q7CY | GlobalFiler™ | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4sp | 9,11 | 10,13 | 14,15 | 18.3,21 | 8 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| GAKUB9 | PowerPlex® Fusion 6C | | | | | |
| | No Results | No Results | No Results | No Results | No Results | |
| 4sp | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | No Results | No Results | No Results |
| GVWWWA | PowerPlex® Fusion (STRmix) | | | | | |
| 4sp | | | | | | |
| | | | | | | |
| HHX9T4 | GlobalFiler™ | | | | | |
| | No Results | No Results | 11.3,--- | 14,--- | No Results | |
| 4sp | No Results | 13,--- | No Results | No Results | No Results | 11,--- |
| | No Results | 13,--- | No Results | 15,--- | X,--- | 10,--- |
| | No Results | | | No Results | 7,--- | No Results |
| | No Results | No Results | | | No Results | |
| HM6V76 | PowerPlex® Fusion 6C | | | | | |
| | No Results | No Results | No Results | No Results | No Results | |
| 4sp | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | No Results | No Results | No Results |
| HQ6AM3 | GlobalFiler™ (STRmix) | | | | | |
| | No Results | No Results | No Results | No Results | No Results | |
| 4sp | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | No Results | No Results | No Results |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4sp - STR Results

| | | | | | | |
|--------|-------------------------------|------------|------------|------------|------------|------------|
| J64G6N | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23 | 11.3,14 | 14 | 11,12 | |
| 4sp | 9,11 | 10,13 | 14,15 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 7,9.3 | 9,12 |
| | 16,17 | | | | | |
| JDT8J4 | Investigator® 24plex (STRmix) | | | | | |
| | 14,15 | 23 | 11.3 | 14 | 11,12 | |
| 4sp | 11 | 13 | 14 | 18.3,21 | 8,12 | 11 |
| | 12,16 | 13,14 | 29 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | | 9 |
| | 16,17 | | | | | |
| JXHDD3 | Investigator® 24plex QS | | | | | |
| | No Results | No Results | No Results | No Results | No Results | |
| 4sp | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | | | No Results | No Results | No Results |
| | No Results | No Results | | | | |
| K9U43G | Identifiler® Plus | | | | | |
| 4sp | | | | | | |
| | | | | | | |
| L8LAB6 | GlobalFiler™ | | | | | |
| 4sp | | | | | | |
| | | | | | | |
| Q62GJ9 | GlobalFiler™ | | | | | |
| 4sp | | | | | | |
| | | | | | | |
| RFUYBV | PowerPlex® Fusion 5C | | | | | |
| 4sp | | | | | | |
| | | | | | | |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4sp - STR Results

| | | | | | | |
|--------|-------------------|--|--|--|--|--|
| TLQD29 | Identifiler® Plus | | | | | |
| 4sp | [Redacted] | | | | | |
| | [Redacted] | | | | | |

| | | | | | | |
|--------|--------------|------------|------------|------------|------------|------------|
| UNZHMZ | GlobalFiler™ | | | | | |
| | No Results | No Results | No Results | No Results | No Results | |
| 4sp | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | | | No Results | No Results | No Results |
| | No Results | No Results | | | No Results | |

| | | | | | | |
|--------|-------------------------|------------|------------|------------|------------|------------|
| V62HEQ | Investigator® 24plex QS | | | | | |
| | No Results | No Results | No Results | No Results | No Results | |
| 4sp | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | | | No Results | No Results | No Results |
| | No Results | No Results | | | No Results | |

| | | | | | | |
|--------|-------------------|--|--|--|--|--|
| V84KP7 | Identifiler® Plus | | | | | |
| 4sp | [Redacted] | | | | | |
| | [Redacted] | | | | | |

| | | | | | | |
|--------|----------------------|-------|-------|-----------|-------|------|
| VH4Y3Q | Investigator® 24plex | | | | | |
| | 14,15 | 23 | 11.3 | 14 | 11,12 | |
| 4sp | 9,11 | 10,13 | 15 | 18.3,21 | | 11 |
| | 12,16 | 13 | 29,30 | 15,16 | X | 10 |
| | 20,21 | | | 27.2,28.2 | 9.3 | 9,12 |
| | 16,17 | | | | | |

| | | | | | | |
|--------|-------------------|--|--|--|--|--|
| XG3R9H | Identifiler® Plus | | | | | |
| 4sp | [Redacted] | | | | | |
| | [Redacted] | | | | | |

| | | | | | | |
|--------|-------------------|---|---|---|---|---|
| XPDUUJ | Identifiler® Plus | | | | | |
| | - | - | - | - | - | - |
| 4sp | - | - | - | - | - | - |
| | - | - | - | - | - | - |
| | - | - | - | - | - | - |

TABLE 2

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |

Item 4sp - STR Results

| YPXGNL | GlobalFiler™ | | | | | |
|--------|-----------------------------|------------|------------|------------|------------|------------|
| | No Results | No Results | No Results | No Results | No Results | |
| 4sp | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | | | No Results | No Results | No Results |
| | No Results | No Results | | | No Results | |
| Z644PM | Investigator® 24plex QS kit | | | | | |
| | No Results | No Results | No Results | No Results | No Results | |
| 4sp | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | No Results | No Results | No Results | No Results | No Results |
| | No Results | | | No Results | No Results | No Results |
| | No Results | No Results | | | No Results | |

YSTR Amplification Kit(s) & Results

TABLE 3

| WebCode | | Amplification Kit | | | | | | | | |
|------------------------------|-----------------|-------------------|--------|----------|-----------|--------|--------|--------|---------|---|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 | |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 | |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 | |
| Item 1 - YSTR Results | | | | | | | | | | |
| 6E42WA | PowerPlex® Y 23 | | | | | | | | | |
| 1 | - | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - | - |
| FU4HE7 | PowerPlex® Y 23 | | | | | | | | | |
| 1 | - | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - | - |
| G6QLLV | Yfiler™ Plus | | | | | | | | | |
| 1 | - | | | | | | | | | |
| | - | | | | | | | | | |
| | - | | | | | | | | | |
| L8LAB6 | Yfiler™ Plus | | | | | | | | | |
| 1 | - | | | | | | | | | |
| | - | | | | | | | | | |
| | - | | | | | | | | | |
| QQ8DBP | PowerPlex® Y 23 | | | | | | | | | |
| 1 | - | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - | - |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 2 - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|-------|----|----|----|----|----|----|
| 22CMKP | Yfiler™ | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| 26XQFW | Yfiler™ | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| 2DA92M | Yfiler™ | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| 2J2EXW | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 2JVFB | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 2PZQAE | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 2VMNUV | Yfiler™ | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| 2Z8HJN | Yfiler™ | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| 374KGE | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 39EQAN | Yfiler™ | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| 3CZ8PT | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 3QFA8G | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 2 - YSTR Results

| | | | | | | | | | |
|--------|-----------------|-----|-------|-----|-----|-----|----|-----|-----|
| 3RCK66 | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 3TZPBC | Yfiler™ | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| 43MUDA | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 4CTWD2 | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 4KY8KL | Yfiler™ | | | | | | | | |
| 2 | N/A | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | N/A | 14 | 15 | N/A | N/A |
| | N/A | N/A | N/A | N/A | N/A | N/A | 21 | N/A | 11 |
| 4NKGJ7 | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 4PDAHV | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 4UTXZ8 | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 4Z2QG4 | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 6662RH | Yfiler™ | | | | | | | | |
| 2 | NA | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | NA | 14 | 15 | NA | NA |
| | NA | NA | NA | NA | NA | NA | 21 | NA | 11 |
| 66KNEJ | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 67BNYV | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 2 - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|-------|----|----|----|----|----|----|
| 686CGQ | Yfiler™ | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| 6A49QK | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 6E42WA | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 6M4VEM | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 6UZKRT | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 78NHGG | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 7ATT4P | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 7CZJHE | Yfiler™ | | | | | | | | |
| 2 | NA | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | NA | 14 | 15 | NA | NA |
| | NA | NA | NA | NA | NA | NA | 21 | NA | 11 |
| 7FYUDE | Yfiler™ | | | | | | | | |
| 2 | NA | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | NA | 14 | 15 | NA | NA |
| | NA | NA | NA | NA | NA | NA | 21 | NA | 11 |
| 7RHLKH | Yfiler™ | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| 7U89FW | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 838ZRP | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 2 - YSTR Results

| | | | | | | | | | |
|--------|---------------------------|----|-------|----|----|----|----|----|----|
| 87VDME | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 8AV9HF | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 8B4VPN | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 8C2YTE | Yfiler™ Plus, and Yfiler™ | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 8ENHUC | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 8JUK44 | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 8MBBKE | Yfiler™ | | | | | | | | |
| 2 | NA | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | NA | 14 | 15 | NA | NA |
| | NA | NA | NA | NA | NA | NA | 21 | NA | 11 |
| 8QHLUM | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 8W6FRK | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 92UPLX | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 93Q39Q | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 988X3M | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 2 - YSTR Results

| | | | | | | | | | |
|--------|-----------------|-------|-------|----|----|----|----|----|----|
| 9AJJH3 | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | |
| 9EKDPK | Yfiler™ | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | |
| | | | | | | 21 | | 11 | |
| 9EZW8W | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | |
| 9G77QE | Yfiler™ | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | |
| | | | | | | 21 | | 11 | |
| 9HDKNU | Yfiler™ | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | |
| | | | | | | 21 | | 11 | |
| A8JQ33 | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | |
| AAJTVK | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| AEQXC7 | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | |
| AH2776 | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | |
| AKQZXK | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | |
| AMWXFM | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | |
| APHLXE | Yfiler™ | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | |
| | | | | | | 21 | | 11 | |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 2 - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|-------|----|----|----|----|----|----|
| AQVYCG | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| ATL2H6 | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| AYFDU2 | Yfiler™ | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| B3EGCT | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| B8BYXY | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| B8VM6L | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| BUBTN8 | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| BUW9BP | Yfiler™ | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| BVFJEC | Yfiler™ | | | | | | | | |
| 2 | NA | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | NA | 14 | 15 | NA | NA |
| | NA | NA | NA | NA | NA | NA | 21 | NA | 11 |
| BWUNCA | Yfiler™ | | | | | | | | |
| 2 | NA | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | NA | 14 | 15 | NA | NA |
| | NA | NA | NA | NA | NA | NA | 21 | NA | 11 |
| BY4QH6 | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| C6M9DR | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 2 - YSTR Results

| | | | | | | | | | |
|---------|-----------------|----|-------|----|----|----|----|----|----|
| CBM7RC | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| CCM9QB | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| CGQNVQ | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| CL7ZM7 | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| CWVX2B | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| D83XJ4 | Yfiler™ | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| D9ZLA9 | Yfiler™ | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| DF4DZH | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| DJKEK4 | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| DJYG84 | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| DRVKLLK | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| DY4BPH | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 2 - YSTR Results

| | | | | | | | | | |
|--------|--------------------------|-------|-------|----|----|----|----|----|----|
| E3VU2M | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 11 | 20 | | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| E4ELHC | Yfiler™, PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 11 | 20 | | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| EEMPTM | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 20 | 16 | 19 | 21 | | 11 | |
| EFUHKV | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 20 | 16 | 19 | 21 | | 11 | |
| EPMR4Q | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 11 | 20 | | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| EUE2AH | Yfiler™ | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 11 | 20 | | 14 | 15 | | | |
| | | | | | | 21 | | 11 | |
| EUZZUG | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 20 | 16 | 19 | 21 | | 11 | |
| FDZN7K | Yfiler™ | | | | | | | | |
| 2 | NA | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | NA | 14 | 15 | NA | NA |
| | NA | NA | NA | NA | NA | NA | 21 | NA | 11 |
| FJQML7 | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 20 | 16 | 19 | 21 | | 11 | |
| FKXFEE | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 20 | 16 | 19 | 21 | | 11 | |
| FNWFJH | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 11 | 20 | | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| FQ48J7 | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 20 | 16 | 19 | 21 | | 11 | |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 2 - YSTR Results

| | | | | | | | | | |
|--------|-----------------|-------|-------|----|----|----|----|----|----|
| FU4HE7 | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| FZ3MRA | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| G6QLLV | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| GACPA2 | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| GB4RUW | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| GN47HY | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| GT9Y9X | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| GTT6WA | Yfiler™ | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | |
| | | | | | | 21 | | 11 | |
| GVWWWA | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| H3WT2R | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| H86VLG | Yfiler™ | | | | | | | | |
| 2 | NA | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | NA | 14 | 15 | NA | NA |
| | NA | NA | NA | NA | NA | NA | 21 | NA | 11 |
| HBE87Y | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 2 - YSTR Results

| | | | | | | | | | |
|--------|-----------------|-------|-------|----|----|----|----|----|----|
| HCECDB | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 11 | 20 | | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| HCKN8L | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 11 | 20 | | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| HDLREW | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| HEL3RZ | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 11 | 20 | | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| HEM4CX | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| HHDNLB | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| HJ26MP | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 11 | 20 | | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| HKH3B9 | Yfiler™ | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 11 | 20 | | 14 | 15 | | | |
| | | | | | | 21 | | 11 | |
| HN9T3C | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| HRH7C6 | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| HV8WWW | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 11 | 20 | | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| JB4PJ3 | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 2 - YSTR Results

| | | | | | | | | | |
|--------|------------------------|-------|-------|----|----|----|----|----|----|
| JCHQLA | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| JNFMNC | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| JUUFL3 | Yfiler™ | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | |
| | | | | | | 21 | | 11 | |
| JXFTBD | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| K8LGV9 | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| K9KY4K | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| KHXJNE | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| KK4EER | PowerPlex® Y 23 System | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| KXQNYC | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| L27K3T | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| L8LAB6 | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| LBEK3Z | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | | |
|------------------------------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|--|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 | |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 | |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 | |
| Item 2 - YSTR Results | | | | | | | | | | |
| LCBXPT | PowerPlex® Y 23 | | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | | |
| | 16 | 11 | 20 | | 14 | 15 | | 28 | | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | | |
| LDR92K | PowerPlex® Y 23 | | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | | |
| | 16 | 11 | 20 | | 14 | 15 | | 28 | | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | | |
| LKPJWC | Yfiler™ | | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | | |
| | 16 | 11 | 20 | | 14 | 15 | | 28 | | |
| | | | | | | 21 | | 11 | | |
| LTY8AA | Yfiler™ | | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | | |
| | 16 | 11 | 20 | | 14 | 15 | | 28 | | |
| | | | | | | 21 | | 11 | | |
| M68WY4 | Yfiler™ Plus | | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 | |
| | 37 | 11 | 20 | 16 | 19 | 21 | | 11 | | |
| MAHRM3 | Yfiler™ | | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | | |
| | 16 | 11 | 20 | | 14 | 15 | | 28 | | |
| | | | | | | 21 | | 11 | | |
| MFBM4Z | Yfiler™ Plus | | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 | |
| | 37 | 11 | 20 | 16 | 19 | 21 | | 11 | | |
| MPD4E3 | PowerPlex® Y 23 | | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | | |
| | 16 | 11 | 20 | | 14 | 15 | | 28 | | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | | |
| MRME7Z | Yfiler™ Plus | | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 | |
| | 37 | 11 | 20 | 16 | 19 | 21 | | 11 | | |
| MWRM6B | PowerPlex® Y 23 | | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | | |
| | 16 | 11 | 20 | | 14 | 15 | | 28 | | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | | |
| MYJQ6X | Yfiler™ Plus | | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 | |
| | 37 | 11 | 20 | 16 | 19 | 21 | | 11 | | |
| N24HTQ | Yfiler™ Plus | | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 | |
| | 37 | 11 | 20 | 16 | 19 | 21 | | 11 | | |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 2 - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|-------|----|----|----|----|----|----|
| N87Z36 | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| ND22T6 | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| NHPCHN | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| NMGLJA | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| NMKBN8 | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| NMWJGM | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| NPKVHD | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| NWWUD4 | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| NXP2M2 | Yfiler™ | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| P4Y4R2 | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| P7YHXD | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| PB9P76 | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |

TABLE 3

| WebCode | | Amplification Kit | | | | | | | |
|------------------------------|-----------------|-------------------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |
| Item 2 - YSTR Results | | | | | | | | | |
| PJXU37 | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | |
| PLK23N | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 20 | 16 | 19 | 21 | | | 11 |
| PMTCUK | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | |
| PT6QR6 | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 20 | 16 | 19 | 21 | | | 11 |
| PTGKAP | Yfiler™ | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | |
| | | | | | | 21 | | | 11 |
| QFHV4Y | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 20 | 16 | 19 | 21 | | | 11 |
| QHZ4AW | Yfiler™ | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | |
| | | | | | | 21 | | | 11 |
| QQ8DBP | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | |
| QYR887 | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | |
| QZ7RXV | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 20 | 16 | 19 | 21 | | | 11 |
| QZWK6T | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | |
| R2TUZ2 | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | |

TABLE 3

| WebCode | | Amplification Kit | | | | | | | |
|------------------------------|-----------------|-------------------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |
| Item 2 - YSTR Results | | | | | | | | | |
| R4YPQE | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 11 | 20 | | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| R6UTEZ | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| RCUBUC | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| RKNFMD | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| RN27RW | Yfiler™ | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 11 | 20 | | 14 | 15 | | | |
| | | | | | | 21 | | 11 | |
| RXNUBJ | Yfiler™ | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 11 | 20 | | 14 | 15 | | | |
| | | | | | | 21 | | 11 | |
| T4J99C | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| TBWUZA | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 11 | 20 | | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| TCJER7 | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 11 | 20 | | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| TFMNQA | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 11 | 20 | | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| TLXMLZ | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| TMZTJU | Yfiler™ | | | | | | | | |
| 2 | NA | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | NA | 14 | 15 | NA | NA |
| | NA | NA | NA | NA | NA | NA | 21 | NA | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 2 - YSTR Results

| | | | | | | | | | |
|--------|-------------------------------|----|-------|----|----|----|----|----|----|
| TYDXN6 | Yfiler™ | | | | | | | | |
| 2 | NA | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | NA | 14 | 15 | NA | NA |
| | NA | NA | NA | NA | NA | NA | 21 | NA | 11 |
| U7VL6T | Yfiler™ | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| UCGF2Q | Yfiler™ | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| UCJ4KP | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| UJJDHM | Yfiler™ Plus, PowerPlex® Y 23 | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 12 | 20 | 16 | 19 | 21 | 12 | 11 |
| UKATY6 | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| ULTRBT | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| UMXQHA | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| UQ2M33 | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| UYRJX8 | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| UZ2CKY | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| V2UW2Q | Yfiler™ | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 2 - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|-------|----|----|----|----|----|----|
| V3P8PJ | Yfiler™ | | | | | | | | |
| 2 | - | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | - | 14 | 15 | - | - |
| | - | - | - | - | - | - | 21 | - | 11 |
| V6PGE2 | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| V8QH6X | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| VBHPDM | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| VCKBL8 | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| VG7K7E | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| VG9VWV | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| VLBT32 | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| W6BQ9B | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| W6VC7J | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| WAU2TU | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| WN9FTP | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 2 - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|-------|----|----|----|----|----|----|
| WXG9JQ | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| X2LWTL | Yfiler™ | | | | | | | | |
| 2 | NA | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | NA | 14 | 15 | NA | NA |
| | NA | NA | NA | NA | NA | NA | 21 | NA | 11 |
| X3NVBF | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| X3YW3F | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| X6NGY7 | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| X7M4RJ | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| X7XALY | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| X8VKH2 | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| XAA634 | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| XC8ZZL | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| XCRE24 | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| XG3R9H | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 2 - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|-------|----|----|----|----|----|----|
| XPDUUJ | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| XPPTKL | Yfiler™ | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| XWZEEA | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| Y4NYAB | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| YAG2FV | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| YFATCV | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| YLF2J7 | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| YQZHFN | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| YRTM24 | Yfiler™ Plus | | | | | | | | |
| 2 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| YUPTM9 | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| Z4CEMH | PowerPlex® Y 23 | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| ZGXEVQ | Yfiler™ | | | | | | | | |
| 2 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 2 - YSTR Results

| | | | | | | | | | |
|--------|-----------------|-------|----|----|----|----|----|----|----|
| ZMD4B2 | Yfiler™ | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | |
| | | | | | | 21 | | | 11 |
| ZX237Q | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| ZXK8PJ | PowerPlex® Y 23 | | | | | | | | |
| 2 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3 - YSTR Results

| | | | | | | | | | |
|--------|-----------------|-----|-------|-----|-----|-----|----|-----|-----|
| 4KY8KL | Yfiler™ | | | | | | | | |
| 3 | N/A | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | N/A | 14 | 15 | N/A | N/A |
| | N/A | N/A | N/A | N/A | N/A | N/A | 21 | N/A | 11 |
| 6662RH | Yfiler™ | | | | | | | | |
| 3 | NA | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | NA | 14 | 15 | NA | NA |
| | NA | NA | NA | NA | NA | NA | 21 | NA | 11 |
| 6A49QK | Yfiler™ Plus | | | | | | | | |
| 3 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 6E42WA | PowerPlex® Y 23 | | | | | | | | |
| 3 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 7CZJHE | Yfiler™ | | | | | | | | |
| 3 | NA | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | NA | 14 | 15 | NA | NA |
| | NA | NA | NA | NA | NA | NA | 21 | NA | 11 |
| 7FYUDE | Yfiler™ | | | | | | | | |
| 3 | NA | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | NA | 14 | 15 | NA | NA |
| | NA | NA | NA | NA | NA | NA | 21 | NA | 11 |
| 8AV9HF | Yfiler™ Plus | | | | | | | | |
| 3 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 8MBBKE | Yfiler™ | | | | | | | | |
| 3 | NA | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | NA | 14 | 15 | NA | NA |
| | NA | NA | NA | NA | NA | NA | 21 | NA | 11 |
| AEQXC7 | PowerPlex® Y 23 | | | | | | | | |
| 3 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| AYFDU2 | Yfiler™ | | | | | | | | |
| 3 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| BVFJEC | Yfiler™ | | | | | | | | |
| 3 | NA | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | NA | 14 | 15 | NA | NA |
| | NA | NA | NA | NA | NA | NA | 21 | NA | 11 |
| BWUNCA | Yfiler™ | | | | | | | | |
| 3 | NA | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | NA | 14 | 15 | NA | NA |
| | NA | NA | NA | NA | NA | NA | 21 | NA | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3 - YSTR Results

| | | | | | | | | | | |
|--------|-------|-----------------|-------|----|----|----|----|----|----|--|
| CWVX2B | | Yfiler™ Plus | | | | | | | | |
| 3 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 | |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 | |
| FDZN7K | | Yfiler™ | | | | | | | | |
| 3 | NA | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | NA | 14 | 15 | NA | NA | |
| | NA | NA | NA | NA | NA | NA | 21 | NA | 11 | |
| H86VLG | | Yfiler™ | | | | | | | | |
| 3 | NA | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | NA | 14 | 15 | NA | NA | |
| | NA | NA | NA | NA | NA | NA | 21 | NA | 11 | |
| HRH7C6 | | Yfiler™ Plus | | | | | | | | |
| 3 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 | |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 | |
| JB4PJ3 | | Yfiler™ Plus | | | | | | | | |
| 3 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 | |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 | |
| JG67NG | | Yfiler™ Plus | | | | | | | | |
| 3 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 | |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 | |
| L27K3T | | PowerPlex® Y 23 | | | | | | | | |
| 3 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 | |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| MFBM4Z | | Yfiler™ Plus | | | | | | | | |
| 3 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 | |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 | |
| MRME7Z | | Yfiler™ Plus | | | | | | | | |
| 3 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 | |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 | |
| PMTCUK | | PowerPlex® Y 23 | | | | | | | | |
| 3 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 | |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| QFHV4Y | | Yfiler™ Plus | | | | | | | | |
| 3 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 | |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 | |
| QQ8DBP | | PowerPlex® Y 23 | | | | | | | | |
| 3 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 | |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3 - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|-------|----|----|----|----|----|----|
| QZ7RXV | Yfiler™ Plus | | | | | | | | |
| 3 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| TMZTJU | Yfiler™ | | | | | | | | |
| 3 | NA | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | NA | 14 | 15 | NA | NA |
| | NA | NA | NA | NA | NA | NA | 21 | NA | 11 |
| TYDXN6 | Yfiler™ | | | | | | | | |
| 3 | NA | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | NA | 14 | 15 | NA | NA |
| | NA | NA | NA | NA | NA | NA | 21 | NA | 11 |
| UCGF2Q | Yfiler™ | | | | | | | | |
| 3 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| WVG9JQ | Yfiler™ Plus | | | | | | | | |
| 3 | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| X2LWTL | Yfiler™ | | | | | | | | |
| 3 | NA | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | NA | 14 | 15 | NA | NA |
| | NA | NA | NA | NA | NA | NA | 21 | NA | 11 |
| XPPTKL | Yfiler™ | | | | | | | | |
| 3 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| YUPTM9 | PowerPlex® Y 23 | | | | | | | | |
| 3 | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3e - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|-------|----|----|----|----|----|----|
| 22CMKP | Yfiler™ | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | [15],16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| 26XQFW | Yfiler™ | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| 2DA92M | Yfiler™ | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| 2J2EXW | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 2JVFB | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 2PZQAE | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 2VMNUV | Yfiler™ | | | | | | | | |
| 3e | | | | | | | | | |
| 2Z8HJN | Yfiler™ | | | | | | | | |
| 3e | | | | | | | | | |
| 374KGE | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 39EQAN | Yfiler™ | | | | | | | | |
| 3e | | | | | | | | | |
| 3CZ8PT | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 3QFA8G | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3e - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|-------|----|----|----|----|----|----|
| 3RCK66 | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 3TZPBC | Yfiler™ | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| 43MUDA | PowerPlex® Y 23 | | | | | | | | |
| 3e | | | | | | | | | |
| 4AY48W | Yfiler™ Plus | | | | | | | | |
| 3e | | | | | | | | | |
| 4CTWD2 | PowerPlex® Y | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 4NKGJ7 | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 4UTXZ8 | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 4Z2QG4 | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 66KNEJ | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | - | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 67BNYV | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 686CGQ | Yfiler™ | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| 6M4VEM | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3e - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|-------|----|----|----|----|----|----|
| 6UZKRT | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 14,NR | 12 | 28 | 23 | | | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | | 28 |
| | 37 | | | 20 | 16 | 19 | | | 11 |
| 78NHGG | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 7RHLKH | Yfiler™ | | | | | | | | |
| 3e | | | | | | | | | |
| 7U89FW | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 87VDME | Yfiler™ Plus | | | | | | | | |
| 3e | | | | | | | | | |
| 8C2YTE | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 8QHLUM | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 8W6FRK | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 92UPLX | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 93Q39Q | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 988X3M | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 9AJJH3 | PowerPlex® Y 23 | | | | | | | | |
| 3e | | | | | | | | | |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3e - YSTR Results

| | | | | | | | | | |
|--------|-----------------|-------|-------|----|----|----|----|----|----|
| 9EKDPK | Yfiler™ | | | | | | | | |
| 3e | [Redacted] | | | | | | | | |
| 9EZW8W | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| 9G77QE | Yfiler™ | | | | | | | | |
| 3e | [Redacted] | | | | | | | | |
| 9HDKNU | Yfiler™ | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | |
| | | | | | | 21 | | 11 | |
| A8JQ33 | PowerPlex® Y 23 | | | | | | | | |
| 3e | [Redacted] | | | | | | | | |
| AAJTVK | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| AH2776 | PowerPlex® Y 23 | | | | | | | | |
| 3e | [Redacted] | | | | | | | | |
| AKQZXK | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| AMWXFM | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| APHLXE | Yfiler™ | | | | | | | | |
| 3e | [Redacted] | | | | | | | | |
| AQVYCG | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| ATL2H6 | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |

TABLE 3

| WebCode | | Amplification Kit | | | | | | | |
|-------------------------------|-----------------|-------------------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |
| Item 3e - YSTR Results | | | | | | | | | |
| B3EGCT | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | |
| B8BYX | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | |
| B8VM6L | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | |
| BUBTN8 | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | |
| BUW9BP | Yfiler™ | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | |
| | | | | | | 21 | | 11 | |
| BY4QH6 | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 20 | 16 | 19 | 21 | | | 11 |
| C6M9DR | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 20 | 16 | 19 | 21 | | | 11 |
| CBM7RC | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 20 | 16 | 19 | 21 | | | 11 |
| CCM9QB | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | |
| CGQNVQ | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 20 | 16 | 19 | 21 | | | 11 |
| CL7ZM7 | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | |
| D83XJ4 | Yfiler™ | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | |
| | | | | | | 21 | | 11 | |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3e - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|-------|----|----|----|----|----|----|
| D9ZLA9 | Yfiler™ | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| DF4DZH | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| DJKEK4 | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| DJYG84 | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| DRVKLK | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| E3VU2M | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| EEMPTM | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| EFUHKV | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| EPMR4Q | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| EUE2AH | Yfiler™ | | | | | | | | |
| 3e | | | | | | | | | |
| EUZZUG | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| F4CFEM | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3e - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|-------|----|----|----|----|----|----|
| FJQML7 | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| FKXFEE | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| FQ48J7 | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| FU4HE7 | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| FZ3MRA | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| G6QLLV | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| GACPA2 | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| GB4RUW | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| GN47HY | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| GT9Y9X | Yfiler™ Plus | | | | | | | | |
| 3e | | | | | | | | | |
| GTT6WA | Yfiler™ | | | | | | | | |
| 3e | | | | | | | | | |
| H3WT2R | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3e - YSTR Results

| | | | | | | | | | |
|--------|-----------------|-------|-------|----|----|----|----|----|----|
| HCECDB | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | | 11 | |
| HCKN8L | PowerPlex® Y 23 | | | | | | | | |
| 3e | | | | | | | | | |
| HDLREW | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| HEL3RZ | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| HEM4CX | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| HHDNLB | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| HJ26MP | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| HKH3B9 | Yfiler™ | | | | | | | | |
| 3e | | | | | | | | | |
| HN9T3C | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| HV8WVW | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| JCHQLA | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| JNFMNC | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3e - YSTR Results

| | | | | | | | | | |
|--------|------------------------|----|-------|----|----|----|----|----|----|
| JUUFL3 | Yfiler™ | | | | | | | | |
| 3e | | NR | NR | NR | NR | NR | NR | NR | NR |
| | NR | NR | NR | NR | | NR | NR | | NR |
| | | | | | | | NR | | NR |
| K8LGV9 | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| K9KY4K | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| K9U43G | Yfiler™ Plus | | | | | | | | |
| 3e | | | | | | | | | |
| KK4EER | PowerPlex® Y 23 System | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| KXQNYC | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| L8LAB6 | Yfiler™ Plus | | | | | | | | |
| 3e | | | | | | | | | |
| LBEK3Z | Yfiler™ Plus | | | | | | | | |
| 3e | | | | | | | | | |
| LCBXPT | PowerPlex® Y 23 | | | | | | | | |
| 3e | | | | | | | | | |
| LDR92K | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| LKPJWC | Yfiler™ | | | | | | | | |
| 3e | | | | | | | | | |
| LTY8AA | Yfiler™ | | | | | | | | |
| 3e | | | | | | | | | |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3e - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|-------|----|----|----|----|----|----|
| M68WY4 | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| MAHRM3 | Yfiler™ | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| MPD4E3 | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| MYJQ6X | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| N24HTQ | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| N87Z36 | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| ND22T6 | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| NHPCHN | PowerPlex® Y 23 | | | | | | | | |
| 3e | | | | | | | | | |
| NMWJGM | Yfiler™ Plus | | | | | | | | |
| 3e | | | | | | | | | |
| NPKVHD | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| NWWUD4 | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| NXP2M2 | Yfiler™ | | | | | | | | |
| 3e | | | | | | | | | |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3e - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|-------|----|----|----|----|----|----|
| P7YHXD | PowerPlex® Y 23 | | | | | | | | |
| 3e | [Redacted] | | | | | | | | |
| PB9P76 | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| PJXU37 | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| PLK23N | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| PT6QR6 | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| PTGKAP | Yfiler™ | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| PXWXBD | Yfiler™ | | | | | | | | |
| 3e | [Redacted] | | | | | | | | |
| QHZ4AW | Yfiler™ | | | | | | | | |
| 3e | [Redacted] | | | | | | | | |
| QK23DA | Yfiler™ Plus | | | | | | | | |
| 3e | [Redacted] | | | | | | | | |
| QYR887 | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| QZWK6T | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| R2TUZ2 | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3e - YSTR Results

| | | | | | | | | | |
|--------|-----------------|-------|-------|----|----|----|----|----|----|
| R4YPQE | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| R6UTEZ | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| RCUBUC | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| RKNFMD | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| RN27RW | Yfiler™ | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | |
| | | | | | | 21 | | 11 | |
| RXNUBJ | Yfiler™ | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | |
| | | | | | | 21 | | 11 | |
| T4J99C | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| TBWUZA | PowerPlex® Y 23 | | | | | | | | |
| 3e | | | | | | | | | |
| TFMNQA | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| TLQD29 | Yfiler™ Plus | | | | | | | | |
| 3e | | | | | | | | | |
| TLXMLZ | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| U7VL6T | Yfiler™ | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | |
| | | | | | | 21 | | 11 | |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3e - YSTR Results

| | | | | | | | | | |
|--------|-------------------------------|-------|-------|----|----|----|----|----|----|
| UCJ4KP | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| UJJDHM | Yfiler™ Plus, PowerPlex® Y 23 | | | | | | | | |
| 3e | | | | | | | | | |
| UKATY6 | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| ULTRBT | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| UMXQHA | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| UQ2M33 | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| UYRJX8 | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| UZ2CKY | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| V2UW2Q | Yfiler™ | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | |
| | | | | | | 21 | | 11 | |
| V3P8PJ | Yfiler™ | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | |
| | | | | | | 21 | | 11 | |
| V6PGE2 | Yfiler™ Plus | | | | | | | | |
| 3e | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| | NR | NR | NR | NR | NR | 14 | 15 | NR | NR |
| | NR | NR | NR | NR | NR | NR | 21 | | NR |
| V84KP7 | Yfiler™ Plus | | | | | | | | |
| 3e | | | | | | | | | |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3e - YSTR Results

| | | | | | | | | | |
|--------|-----------------|-------|-------|----|----|----|----|------|----|
| V8QH6X | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| VBHPDM | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| VCKBL8 | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| VG7K7E | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| VLBT32 | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| W6BQ9B | Yfiler™ Plus | | | | | | | | |
| 3e | 39 | 14 | 13,14 | 12 | 28 | NR | 10 | 11 | 13 |
| | 16 | 10 | NR | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| W6VC7J | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| WAU2TU | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | - | - | 11 | 20 | | 14 | 15 | | 28 |
| | [11] | 12 | 20 | 16 | | 21 | 12 | [11] | |
| WN9FTP | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| X3NVBF | PowerPlex® Y 23 | | | | | | | | |
| 3e | | | | | | | | | |
| X3YW3F | PowerPlex® Y 23 | | | | | | | | |
| 3e | | | | | | | | | |
| X6NGY7 | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3e - YSTR Results

| | | | | | | | | | |
|--------|-----------------|-------|-------|----|----|----|----|----|----|
| X7M4RJ | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| XAA634 | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| XC8ZZL | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| XCRE24 | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| XG3R9H | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| XPDUUJ | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| XWZEEA | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| Y4NYAB | PowerPlex® Y 23 | | | | | | | | |
| 3e | | | | | | | | | |
| YAG2FV | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| YFATCV | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| YLF2J7 | PowerPlex® Y 23 | | | | | | | | |
| 3e | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| YQZHFN | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3e - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|-------|----|----|----|----|----|----|
| YRTM24 | Yfiler™ Plus | | | | | | | | |
| 3e | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| Z4CEMH | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| ZBQT23 | Yfiler™ Plus | | | | | | | | |
| 3e | | | | | | | | | |
| ZGXEVQ | Yfiler™ | | | | | | | | |
| 3e | | | | | | | | | |
| ZMD4B2 | Yfiler™ | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| ZX237Q | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| ZXK8PJ | PowerPlex® Y 23 | | | | | | | | |
| 3e | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3sp - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|-------|----|----|----|----|----|----|
| 22CMKP | Yfiler™ | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| 26XQFW | Yfiler™ | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| 2DA92M | Yfiler™ | | | | | | | | |
| 3sp | | | | | | | | | |
| 2J2EXW | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 2JVFB | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 2PZQAE | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 2VMNUV | Yfiler™ | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| 2Z8HJN | Yfiler™ | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| 374KGE | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 39EQAN | Yfiler™ | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| 3CZ8PT | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 3QFA8G | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3sp - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|-------|----|----|----|----|----|----|
| 3RCK66 | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 3TZPBC | Yfiler™ | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| 43MUDA | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 4AY48W | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 4CTWD2 | PowerPlex® Y | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 4NKGJ7 | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 4UTXZ8 | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 4Z2QG4 | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 66KNEJ | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 67BNYV | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 686CGQ | Yfiler™ | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| 6M4VEM | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3sp - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|-------|----|----|----|----|----|----|
| 6UZKRT | Yfiler™ Plus | | | | | | | | |
| 3sp | | | | | | | | | |
| 78NHGG | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 7RHLKH | Yfiler™ | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| 7U89FW | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 87VDME | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 8C2YTE | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 8QHLUM | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| 8W6FRK | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 92UPLX | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 93Q39Q | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 988X3M | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 9AJJH3 | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |

TABLE 3

| WebCode | | Amplification Kit | | | | | | | |
|--------------------------------|-----------------|-------------------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |
| Item 3sp - YSTR Results | | | | | | | | | |
| 9EKDPK | Yfiler™ | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| 9EZW8W | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| 9G77QE | Yfiler™ | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| 9HDKNU | Yfiler™ | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| A8JQ33 | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| AAJTVK | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| AH2776 | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| AKQZXK | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| AMWXFM | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| APHLXE | Yfiler™ | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| AQVYCG | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| ATL2H6 | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | | |
|--------------------------------|-------------------|----------|--------|--------|----------|-----------|--------|--------|---------|--------|
| | Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 | |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 | |
| Item 3sp - YSTR Results | | | | | | | | | | |
| B3EGCT | PowerPlex® Y 23 | | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | | |
| B8BYX | PowerPlex® Y 23 | | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | | |
| B8VM6L | PowerPlex® Y 23 | | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | | |
| BUBTN8 | PowerPlex® Y 23 | | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | | |
| BUW9BP | Yfiler™ | | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | | |
| | | | | | | 21 | 11 | | | |
| BY4QH6 | Yfiler™ Plus | | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 | |
| | 37 | 11 | 20 | 16 | 19 | 21 | | | 11 | |
| C6M9DR | Yfiler™ Plus | | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 | |
| | 37 | 11 | 20 | 16 | 19 | 21 | | | 11 | |
| CBM7RC | Yfiler™ Plus | | | | | | | | | |
| 3sp | | | | | | | | | | |
| CCM9QB | PowerPlex® Y 23 | | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | | |
| CGQNVQ | Yfiler™ Plus | | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 | |
| | 37 | 11 | 20 | 16 | 19 | 21 | | | 11 | |
| CL7ZM7 | PowerPlex® Y 23 | | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | | |
| D83XJ4 | Yfiler™ | | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | | |
| | | | | | | 21 | 11 | | | |

TABLE 3

| WebCode | | Amplification Kit | | | | | | | |
|--------------------------------|-----------------|-------------------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |
| Item 3sp - YSTR Results | | | | | | | | | |
| D9ZLA9 | Yfiler™ | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| DF4DZH | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| DJKEK4 | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| DJYG84 | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| DRVKLK | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| E3VU2M | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| EEMPTM | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| EFUHKV | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| EPMR4Q | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| EUE2AH | Yfiler™ | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| EUZZUG | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| F4CFEM | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|--------------------------------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |
| Item 3sp - YSTR Results | | | | | | | | | |
| FJQML7 | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| FKXFEE | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| FQ48J7 | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| FU4HE7 | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| FZ3MRA | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| G6QLLV | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| GACPA2 | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| GB4RUW | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| GN47HY | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| GT9Y9X | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| GTT6WA | Yfiler™ | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| H3WT2R | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3sp - YSTR Results

| | | | | | | | | | |
|--------|-----------------|-------|-------|----|----|----|----|----|----|
| HCECDB | PowerPlex® Y 23 | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| HCKN8L | PowerPlex® Y 23 | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| HDLREW | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| HEL3RZ | PowerPlex® Y 23 | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 26 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| HEM4CX | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| HHDNLB | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| HJ26MP | PowerPlex® Y 23 | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| HKH3B9 | Yfiler™ | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | |
| | | | | | | 21 | | 11 | |
| HN9T3C | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| HV8WVW | PowerPlex® Y 23 | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| JCHQLA | PowerPlex® Y 23 | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| JNFMNC | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3sp - YSTR Results

| | | | | | | | | | |
|--------|------------------------|----|-------|----|----|----|----|----|----|
| JUUFL3 | Yfiler™ | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| K8LGV9 | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| K9KY4K | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| K9U43G | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| KK4EER | PowerPlex® Y 23 System | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| KXQNYC | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| L8LAB6 | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| LBK3Z | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| LCBXPT | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| LDR92K | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| LKPJWC | Yfiler™ | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| LTY8AA | Yfiler™ | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3sp - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|-------|----|----|----|----|----|----|
| M68WY4 | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| MAHRM3 | Yfiler™ | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| MPD4E3 | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| MYJQ6X | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| N24HTQ | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| N87Z36 | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| ND22T6 | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| NHPCHN | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| NMWJGM | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| NPKVHD | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| NWWUD4 | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| NXP2M2 | Yfiler™ | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3sp - YSTR Results

| | | | | | | | | | |
|--------|-----------------|-------|-------|----|----|----|----|----|----|
| P7YHXD | PowerPlex® Y 23 | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| PB9P76 | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| PJXU37 | PowerPlex® Y 23 | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| PLK23N | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| PT6QR6 | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| PTGKAP | Yfiler™ | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | |
| | | | | | | 21 | | 11 | |
| PXWXBD | Yfiler™ | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| QHZ4AW | Yfiler™ | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | |
| | | | | | | 21 | | 11 | |
| QK23DA | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| QYR887 | PowerPlex® Y 23 | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| QZWK6T | PowerPlex® Y 23 | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| R2TUZ2 | PowerPlex® Y 23 | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|--------------------------------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |
| Item 3sp - YSTR Results | | | | | | | | | |
| R4YPQE | PowerPlex® Y 23 | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| R6UTEZ | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| RCUBUC | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| RKNFMD | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| RN27RW | Yfiler™ | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | |
| | | | | | | 21 | | 11 | |
| RXNUBJ | Yfiler™ | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | |
| | | | | | | 21 | | 11 | |
| T4J99C | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| TBWUZA | PowerPlex® Y 23 | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| TFMNQA | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| TLQD29 | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| TLXMLZ | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| U7VL6T | Yfiler™ | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | |
| | | | | | | 21 | | 11 | |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | | |
|--------------------------------|-------------------------------|----------|--------|--------|----------|-----------|--------|--------|---------|--------|
| | Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 | |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 | |
| Item 3sp - YSTR Results | | | | | | | | | | |
| UCJ4KP | PowerPlex® Y 23 | | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | | |
| UJJDHM | Yfiler™ Plus, PowerPlex® Y 23 | | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 | |
| | 37 | 11 | 12 | 20 | 16 | 19 | 21 | 12 | 11 | |
| UKATY6 | Yfiler™ Plus | | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 | |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 | |
| ULTRBT | PowerPlex® Y 23 | | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | | |
| UMXQHA | PowerPlex® Y 23 | | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | | |
| UQ2M33 | PowerPlex® Y 23 | | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | | |
| UYRJX8 | Yfiler™ Plus | | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 | |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 | |
| UZ2CKY | Yfiler™ Plus | | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 | |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 | |
| V2UW2Q | Yfiler™ | | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | | |
| | | | | | | 21 | | | 11 | |
| V3P8PJ | Yfiler™ | | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | | |
| | 16 | 10 | 11 | 20 | 14 | 15 | | | | |
| | | | | | | 21 | | | 11 | |
| V6PGE2 | Yfiler™ Plus | | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 [27] | |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 | |
| V84KP7 | Yfiler™ Plus | | | | | | | | | |
| 3sp | 38,29 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 | |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 | |

TABLE 3

| WebCode | | Amplification Kit | | | | | | | |
|--------------------------------|-----------------|--------------------------|---------------|-----------------|------------------|---------------|---------------|---------------|----------------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |
| Item 3sp - YSTR Results | | | | | | | | | |
| V8QH6X | PowerPlex® Y 23 | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | | 14 | 15 | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| VBHPDM | PowerPlex® Y 23 | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | | 14 | 15 | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| VCKBL8 | PowerPlex® Y 23 | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | | 14 | 15 | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| VG7K7E | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| VLBT32 | PowerPlex® Y 23 | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | | 14 | 15 | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| W6BQ9B | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| W6VC7J | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| WAU2TU | PowerPlex® Y 23 | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | | 14 | 15 | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| WN9FTP | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| X3NVBF | PowerPlex® Y 23 | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | | 14 | 15 | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| X3YW3F | PowerPlex® Y 23 | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | | 14 | 15 | 28 | |
| | 11 | 12 | 20 | 16 | | 21 | 12 | 11 | |
| X6NGY7 | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |

TABLE 3

| WebCode | | Amplification Kit | | | | | | | |
|--------------------------------|-----------------|-------------------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |
| Item 3sp - YSTR Results | | | | | | | | | |
| X7M4RJ | PowerPlex® Y 23 | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | |
| XAA634 | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 20 | 16 | 19 | 21 | | | 11 |
| XC8ZZL | PowerPlex® Y 23 | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | |
| XCRE24 | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 20 | 16 | 19 | 21 | | | 11 |
| XG3R9H | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 20 | 16 | 19 | 21 | | | 11 |
| XPDUUJ | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 20 | 16 | 19 | 21 | | | 11 |
| XWZEEA | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 20 | 16 | 19 | 21 | | | 11 |
| Y4NYAB | PowerPlex® Y 23 | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | |
| YAG2FV | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 20 | 16 | 19 | 21 | | | 11 |
| YFATCV | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 20 | 16 | 19 | 21 | | | 11 |
| YLF2J7 | PowerPlex® Y 23 | | | | | | | | |
| 3sp | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 | |
| | 16 | 10 | 11 | 20 | 14 | 15 | 28 | | |
| | 11 | 12 | 20 | 16 | 21 | 12 | 11 | | |
| YQZHFN | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | 20 | 16 | 19 | 21 | | | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 3sp - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|-------|----|----|----|----|----|----|
| YRTM24 | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| Z4CEMH | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| ZBQT23 | Yfiler™ Plus | | | | | | | | |
| 3sp | 38,39 | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | 28 | 14 | 15 | 10 | 28 |
| | 37 | 11 | | 20 | 16 | 19 | 21 | | 11 |
| ZGXEVQ | Yfiler™ | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| ZMD4B2 | Yfiler™ | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | |
| | | | | | | | 21 | | 11 |
| ZX237Q | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |
| ZXK8PJ | PowerPlex® Y 23 | | | | | | | | |
| 3sp | | 14 | 13,14 | 12 | 28 | 23 | 10 | 11 | 13 |
| | 16 | 10 | 11 | 20 | | 14 | 15 | | 28 |
| | | 11 | 12 | 20 | 16 | | 21 | 12 | 11 |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 4 - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|----|----|----|----|----|----|----|
| 6E42WA | PowerPlex® Y 23 | | | | | | | | |
| 4 | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - |
| D9ZLA9 | Yfiler™ | | | | | | | | |
| 4 | | NR | NR | NR | NR | NR | NR | NR | NR |
| | NR | NR | NR | NR | | NR | NR | | |
| | | | | | | | NR | | NR |
| FU4HE7 | PowerPlex® Y 23 | | | | | | | | |
| 4 | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - |
| HV8WWV | PowerPlex® Y 23 | | | | | | | | |
| 4 | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - |
| JUUFL3 | Yfiler™ | | | | | | | | |
| 4 | | NR | NR | NR | NR | NR | NR | NR | NR |
| | NR | NR | NR | NR | | NR | NR | | |
| | | | | | | | NR | | NR |
| MAHRM3 | Yfiler™ | | | | | | | | |
| 4 | | NR | NR | NR | NR | NR | NR | NR | NR |
| | NR | NR | NR | NR | | NR | NR | | |
| | | | | | | | NR | | NR |
| PLK23N | Yfiler™ Plus | | | | | | | | |
| 4 | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| QQ8DBP | PowerPlex® Y 23 | | | | | | | | |
| 4 | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - |
| U7VL6T | Yfiler™ | | | | | | | | |
| 4 | | NR | NR | NR | NR | NR | NR | NR | NR |
| | NR | NR | NR | NR | | NR | NR | | |
| | | | | | | | NR | | NR |
| V2UW2Q | Yfiler™ | | | | | | | | |
| 4 | | NR | NR | NR | NR | NR | NR | NR | NR |
| | NR | NR | NR | NR | | NR | NR | | |
| | | | | | | | NR | | NR |
| WAU2TU | PowerPlex® Y 23 | | | | | | | | |
| 4 | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - |
| WN9FTP | Yfiler™ Plus | | | | | | | | |
| 4 | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - |
| | - | - | - | - | - | - | - | - | - |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 4 - YSTR Results

| XPPTKL | Yfiler™ | | | | | | | | |
|--------|---------|----|----|----|----|----|----|----|----|
| 4 | | NR | NR | NR | NR | NR | NR | NR | NR |
| | NR | NR | NR | NR | | NR | NR | | |
| | | | | | | | NR | | NR |

TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 4e - YSTR Results

L8LAB6 Yfiler™ Plus

4e



TABLE 3

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|---------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | YGATAH4 |

Item 4sp - YSTR Results

L8LAB6 Yfiler™ Plus

4sp



Additional DNA Results

TABLE 4

Additional DNA results found to be concordant at a pre-existing locus are retained solely within the applicable tables. Non-concordant results and results for loci not found elsewhere will remain in this table.

| Locus | WebCode | Item 1 | Item 2 | Item 3 | Item 3e | Item 3sp | Item 4 | Item 4e | Item 4sp |
|--------------|----------------|---------------|---------------|---------------|----------------|-----------------|---------------|----------------|-----------------|
| F13A01 | UJJDHM | 6,7 | 6,7 | | 5,6 | 6,7 | 6,7 | | |
| F13B | UJJDHM | 9 | 8,10 | | 10 | 8,10 | 9 | | |
| FESFPS | UJJDHM | 10,11 | 10,12 | | 12,13 | 10,12 | 10,11 | | |
| LPL | UJJDHM | 10,12 | 10,11 | | 10,12 | 10,11 | 10,12 | | |
| PENTA C | UJJDHM | 11,13 | 9,10 | | 12 | 9,10 | 11,13 | | |
| QS1 | TBWUZA | Q | Q | | Q | Q | Q | | |
| QS2 | TBWUZA | S | S | | S | S | S | | |

Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1

Polymorphisms from Reference Sequence

| | 16111.0 | 16223.0 | 16286.0 | 16290.0 | 16319.0 | 16362.0 | 16526.0 |
|---------------|---------|---------|---------|---------|---------|---------|---------|
| ITEM 1 | | | | | | | |
| 29JVFF | T | T | T | T | A | C | A |
| 4KY8KL | T | T | T | T | A | C | |
| 6UZRKT | T | T | T | T | A | C | |
| 7ATT4P | T | T | T | T | A | C | |
| 86RGR6 | T | T | T | T | A | C | |
| A72772 | T | T | T | T | A | C | |
| BWUNCA | T | T | T | T | A | C | |
| E4EQVZ | T | T | T | T | A | C | |
| ENKTF6 | T | T | T | T | A | C | |
| FDZN7K | T | T | T | T | A | C | |
| FU4HE7 | T | T | T | T | A | C | |
| HBE87Y | T | T | T | T | A | C | A |
| HJF4QU | T | T | T | T | A | C | A |
| HV8WVV | T | T | T | T | A | C | |
| KK4EER | T | T | T | T | A | C | |
| KVREX | T | T | T | T | A | C | A |
| L27K3T | T | T | T | T | A | C | |
| L8LAB6 | T | T | T | T | A | C | |
| PMTCUK | T | T | T | T | A | C | |
| PYMTJL | T | T | T | T | A | C | |
| QZWK6T | T | T | T | T | A | C | |
| THPAAL | T | T | T | T | A | C | |
| TYDXN6 | T | T | T | T | A | C | |
| UJJDHM | T | T | T | T | A | C | |
| UYRJX8 | T | T | T | T | A | C | |
| WC9FUL | T | T | T | T | A | C | A |

TABLE 5a - ITEM 2
Polymorphisms from Reference Sequence

| | 16224.0 | 16519.0 |
|---------------|---------|---------|
| ITEM 2 | | |
| 29JVFF | C | C |
| 4KY8KL | C | |
| 6UZKRT | C | |
| 7ATT4P | C | |
| 86RGR6 | C | |
| A72772 | C | |
| BWUNCA | C | |
| E4EQVZ | C | |
| ENKTF6 | C | |
| FDZN7K | C | |
| FU4HE7 | C | |
| HBE87Y | C | C |
| HJF4QU | C | C |
| HV8WWV | C | |
| KK4EER | C | |
| KVREVX | C | C |
| L27K3T | C | |
| L8LAB6 | C | |
| PMTCUK | C | |
| PYMTJL | C | |
| QZWK6T | C | |
| THPAAL | C | |
| TYDXN6 | C | |
| UJJDHM | C | |
| UYRJX8 | C | |
| WC9FUL | C | C |

TABLE 5a - ITEM 3
Polymorphisms from Reference Sequence

| | 16223.0 | 16224.0 | 16278.0 | 16294.0 | 16309.0 |
|---------------|---------|---------|---------|---------|---------|
| ITEM 3 | | | | | |
| HV8WWV | T | | T | T | G |
| L8LAB6 | | C | | | |

TABLE 5a - ITEM 4
Polymorphisms from Reference Sequence

| | 16111.0 | 16223.0 | 16286.0 | 16290.0 | 16319.0 | 16362.0 | 16526.0 |
|---------------|---------|---------|---------|---------|---------|---------|---------|
| ITEM 4 | | | | | | | |
| 29JVFF | T | T | T | T | A | C | |
| 4KY8KL | T | T | T | T | A | C | |
| 6UZKRT | T | T | T | T | A | C | |
| 7ATT4P | T | T | T | T | A | C | |
| A72772 | T | T | T | T | A | C | |
| BWUNCA | T | T | T | T | A | C | |
| E4EQVZ | T | T | T | T | A | C | |
| ENKTF6 | T | T | T | T | A | C | |
| FDZN7K | T | T | T | T | A | C | |
| FU4HE7 | T | T | T | T | A | C | |
| HBE87Y | T | T | T | T | A | C | |
| HJF4QU | T | T | T | T | A | C | |
| HV8WWV | T | T | T | T | A | C | |
| KK4EER | T | T | T | T | A | C | |
| KVREVX | T | T | T | T | A | C | |
| L27K3T | T | T | T | T | A | C | |
| L8LAB6 | T | T | T | T | A | C | |
| PMTCUK | T | T | T | T | A | C | |
| QZWK6T | T | T | T | T | A | C | |
| THPAAL | T | T | T | T | A | C | |
| TYDXN6 | T | T | T | T | A | C | |
| UJJDHM | T | T | T | T | A | C | |
| UYRJX8 | T | T | T | T | A | C | |
| WC9FUL | T | T | T | T | A | C | A |

Mitochondrial DNA - HVRI Results

TABLE 5b

Bases Sequenced: HVR I

| WEBCODE | ITEM 1 | ITEM 2 | ITEM 3 | ITEM 4 |
|----------------|-----------------|-----------------|--------------------------|-----------------------------|
| 29JVFF | 15998-16569 | 15998-16569 | | 15998-16371 |
| 4KY8KL | 16014-16377 | 16014-16377 | INC | 16001-16390 |
| 6UZKRT | 16,024 - 16,365 | 16,024 - 16,365 | | 16,024 - 16,365 |
| 7ATT4P | 16008-16384 | 16008-16384 | | 16008-16384 |
| 86RGR6 | 15998-16400 | 15998-16400 | | |
| A72772 | 16024-16391 | 16024-16391 | Inconclusive | 16024-16391 |
| BWUNCA | 16014-16377 | 16014-16377 | INC | 16001-16390 |
| E4EQVZ | 16024-16365 | 16024-16365 | mixture not tested | 16024-16365 |
| ENKTF6 | 16024-16391 | 16024-16391 | | 16024-16391 |
| FDZN7K | 16,014-16,390 | 15,998-16,377 | | 15,998-16,390 |
| FU4HE7 | 16050-16390 | 16050-16390 | DNA mixture not analyzed | 16050-16390 |
| HBE87Y | 15998-16569 | 15998-16569 | | 16001-16380 |
| HJF4QU | 16024-16569 | 16024-16569 | Inconclusive | 16024-16502, 16567-16569 |
| HV8WWV | 16024-16365 | 16024-16365 | 16024-16365 | 16024-16365 |
| KK4EER | 16024-16391 | 16024-16391 | | 16024-16391 |
| KVRE VX | 15998-16569 | 15998-16569 | | 15998-16380 |
| L27K3T | 16000-16390 | 16000-16390 | | 16000-16390 |
| L8LAB6 | 15995-16366 | 15995-16366 | 15995-16366 | 15995-16366 |
| PMTCUK | 16024~16365 | 16024~16365 | | 16024~16365 |
| PYMTJL | 15998-16400 | 15998-16400 | | |
| QZWK6T | 16024-16365 | 16024-16365 | | 16024-16365 |
| THPAAL | 16024-16365 | 16024-16365 | Mixture-not tested | 16024-16365 |
| TYDXN6 | 16014-16390 | 15998-16377 | | 15998-16390 |
| UJJDHM | 16024-16365 | 16024-16365 | | 16024-16365 |
| UYRJX8 | 16024-16365 | 16024-16365 | | 16024-16365 |
| WC9FUL | 16024-16569 | 16024-16569 | | 16024-16569 |

Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

| | 73.0 | 146.0 | 153.0 | 235.0 | 263.0 | 309.0 | 315.0 | 315.1 | 523.0 | 524.0 |
|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ITEM 1 | | | | | | | | | | |
| 29JVFF | G | C | G | G | G | | | C | D | D |
| 4KY8KL | G | C | G | G | G | | | C | | |
| 6UZRKT | G | C | G | G | G | | | C | | |
| 7ATT4P | G | C | G | G | G | | | C INS | | |
| 86RGR6 | G | C | G | G | G | | | C | | |
| A72772 | G | C | G | G | G | | | C INS | | |
| BWUNCA | G | C | G | G | G | | | C | | |
| E4EQVZ | G | C | G | G | G | | .1C | | | |
| ENKTF6 | G | C | G | G | G | | | C INS | | |
| FDZN7K | G | C | G | G | G | | | C | | |
| FU4HE7 | G | C | G | G | G | | | C | | |
| HBE87Y | G | C | G | G | G | | | C | D | D |
| HJF4QU | G | C | G | G | G | | | C INS | A DEL | C DEL |
| HV8WWV | G | C | G | G | G | | .1C | | | |
| KK4EER | G | C | G | G | G | | | C | | |
| KVREX | G | C | G | G | G | | | C | D | D |
| L27K3T | G | C | G | G | G | | | C | | |
| L8LAB6 | G | C | G | G | G | | | | | |
| PMTCUK | G | C | G | G | G | | | C | | |
| PYMTJL | G | C | G | G | G | | | C | | |
| QZWK6T | G | C | G | G | G | | | C | | |
| THPAAL | G | C | G | G | G | C | | C | | |
| TYDXN6 | G | C | G | G | G | | | C | | |
| UJJDHM | G | C | G | G | G | | | C | | |
| UYRXX8 | G | C | G | G | G | | | C | | |
| WC9FUL | G | C | G | G | G | | | C INS | A DEL | C DEL |

TABLE 6a - ITEM 2

Polymorphisms from Reference Sequence

| | 73.0 | 152.0 | 263.0 | 309.0 | 309.1 | 315.0 | 315.1 | 497.0 |
|---------------|------|-------|-------|-------|-------|-------|-------|-------|
| ITEM 2 | | | | | | | | |
| 29JVFF | G | C | G | | C | | C | T |
| 4KY8KL | G | C | G | | C | | C | |
| 6UZKRT | G | C | G | | C | | C | |
| 7ATT4P | G | C | G | | C INS | | C INS | |
| 86RGR6 | G | C | G | | C | | C | |
| A72772 | G | C | G | | C INS | | C INS | |
| BWUNCA | G | C | G | | C | | C | |
| E4EQVZ | G | C | G | | | .1C | | |
| ENKTF6 | G | C | G | | C INS | | C INS | |
| FDZN7K | G | C | G | | C | | C | |
| FU4HE7 | G | C | G | | C | | C | |
| HBE87Y | G | C | G | | C | | C | T |
| HJF4QU | G | C | G | | C INS | | C INS | T |
| HV8WWV | G | C | G | .1C | | .1C | | |
| KK4EER | G | C | G | | C | | C | |
| KVREX | G | C | G | | C | | C | T |
| L27K3T | G | C | G | | C | | C | |
| L8LAB6 | G | C | G | | | | | |
| PMTCUK | G | C | G | | C | | C | |
| PYMTJL | G | C | G | | C | | C | |
| QZWK6T | G | C | G | | C | | C | |
| THPAAL | G | C | G | | C | | C | |
| TYDXN6 | G | C | G | | C | | C | |
| UJJDHM | G | C | G | | C | | C | |
| UYRJX8 | G | C | G | | C | | C | |
| WC9FUL | G | C | G | | C INS | | C INS | T |

TABLE 6a - ITEM 3

Polymorphisms from Reference Sequence

| | 73.0 | 146.0 | 152.0 | 195.0 | 263.0 | 309.0 | 315.0 |
|---------------|------|-------|-------|-------|-------|-------|-------|
| ITEM 3 | | | | | | | |
| HV8WWW | G | C | C | C | G | .1C | .1C |
| L8LAB6 | G | | C | | G | | |

TABLE 6a - ITEM 4

Polymorphisms from Reference Sequence

| | 73.0 | 146.0 | 153.0 | 235.0 | 263.0 | 309.0 | 315.0 | 315.1 | 523.0 | 524.0 |
|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ITEM 4 | | | | | | | | | | |
| 29JVFF | G | C | G | G | G | | | C | | |
| 4KY8KL | G | C | G | G | G | | | C | | |
| 6UZKRT | G | C | G | G | G | | | C | | |
| 7ATT4P | G | C | G | G | G | | | | | |
| A72772 | G | C | G | G | G | | | C INS | | |
| BWUNCA | G | C | G | G | G | | | C | | |
| E4EQVZ | G | C | G | G | G | C | .1C | | | |
| ENKTF6 | G | C | G | G | G | | | C INS | | |
| FDZN7K | G | C | G | G | G | | | C | | |
| FU4HE7 | G | C | G | G | G | | | C | | |
| HBE87Y | G | C | G | G | G | | | C | | |
| HJF4QU | G | C | G | G | G | | | C INS | A DEL | C DEL |
| HV8WWV | G | C | G | G | G | | .1C | | | |
| KK4EER | G | C | G | G | G | | | C | | |
| KVREX | G | C | G | G | G | | | C | | |
| L27K3T | G | C | G | G | G | | | C | | |
| L8LAB6 | G | C | G | G | G | | | | | |
| PMTCUK | G | C | G | G | G | | | C | | |
| QZWK6T | G | C | G | G | G | | | C | | |
| THPAAL | G | C | G | G | G | C | | C | | |
| TYDXN6 | G | C | G | G | G | | | C | | |
| UJJDHM | G | C | G | G | G | | | C | | |
| UYRJX8 | G | C | G | G | G | | | C | | |
| WC9FUL | G | C | G | G | G | | | C INS | A DEL | C DEL |

Mitochondrial DNA - HVRII Results

TABLE 6b

Bases Sequenced: HVR II

| WEBCODE | ITEM 1 | ITEM 2 | ITEM 3 | ITEM 4 |
|---------|----------|----------|--------------------------|-----------------|
| 29JVFF | 1-542 | 1-542 | | 35-369 |
| 4KY8KL | 63-393 | 63-392 | INC | 49-407 |
| 6UZKRT | 73 - 340 | 73 - 340 | | 73 - 340 |
| 7ATT4P | 50-362 | 50-362 | | 50-302, 339-362 |
| 86RGR6 | 30-407 | 30-407 | | |
| A72772 | 35-464 | 35-464 | Inconclusive | 35-464 |
| BWUNCA | 63-393 | 63-392 | INC | 49-407 |
| E4EQVZ | 73-340 | 73-340 | mixture not tested | 73-340 |
| ENKTF6 | 35-464 | 35-464 | | 35-464 |
| FDZN7K | 49-393 | 63-393 | | 49-407 |
| FU4HE7 | 70-400 | 70-390 | DNA mixture not analyzed | 70-390 |
| HBE87Y | 1-542 | 1-542 | | 35-369 |
| HJF4QU | 1-576 | 1-576 | Inconclusive | 1-526 |
| HV8WWV | 73-340 | 73-340 | 73-340 | 73-340 |
| KK4EER | 35-369 | 35-369 | | 35-369 |
| KVREVX | 1-542 | 1-542 | | 35-369 |
| L27K3T | 45-390 | 45-390 | | 45-390 |
| L8LAB6 | 34-372 | 34-372 | 34-372 | 34-372 |
| PMTCUK | 73~340 | 73~340 | | 73~340 |
| PYMTJL | 30-407 | 30-407 | | |
| QZWK6T | 73-340 | 73-340 | | 73-340 |
| THPAAL | 73-340 | 73-340 | Mixture-not tested | 73-340 |
| TYDXN6 | 49-393 | 63-393 | | 49-407 |
| UJJDHM | 73-340 | 73-340 | | 73-340 |

TABLE 6b

Bases Sequenced: HVR II

| WEBCODE | ITEM 1 | ITEM 2 | ITEM 3 | ITEM 4 |
|----------------|---------------|---------------|---------------|---------------|
| UYRJX8 | 73-340 | 73-340 | | 73-340 |
| WC9FUL | 1-576 | 1-576 | | 1-576 |

DNA Interpretations

Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?

TABLE 7

| WebCode | Victim (Item 1) | | Suspect (Item 2) | | WebCode | Victim (Item 1) | | Suspect (Item 2) | |
|---------|-----------------|-----------|------------------|-----------|---------|-----------------|--------|------------------|--------|
| | Item 3 | Item 4 | Item 3 | Item 4 | | Item 3 | Item 4 | Item 3 | Item 4 |
| 22CMKP | No | Yes | Yes | No | 3D4BBH | No | Yes | Yes | No |
| 22QWDX | No | Yes | Yes | No | 3DUU4H | No | Yes | Yes | No |
| 24MHAN | No Interp | No Interp | No Interp | No Interp | 3JQ69F | No | Yes | Yes | No |
| 26XQFW | No | Yes | Yes | No | 3K6RLN | No | Yes | Yes | No |
| 27AZ8E | No | Yes | Yes | No | 3L6QVP | No | Yes | Yes | No |
| 27E4PM | No | Yes | Yes | No | 3LXF6J | No | Yes | Yes | No |
| 29JVFF | No Interp | Yes | No Interp | No | 3MXJQ8 | No | Yes | Yes | No |
| 2DA92M | No | Yes | Yes | No | 3PPYFN | No | Yes | Yes | No |
| 2J2EXW | No Interp | No Interp | Yes | No Interp | 3QFA8G | No | Yes | Yes | No |
| 2JVFB E | No | Yes | Yes | No | 3QLD8M | No | Yes | Yes | No |
| 2K2RMV | No | Yes | Yes | No | 3RCK66 | No | Yes | Yes | No |
| 2PZQAE | No | Yes | Yes | No | 3RVBK6 | No | Yes | Yes | No |
| 2RX87K | No | Yes | Yes | No | 3TZPBC | No | Yes | Yes | No |
| 2THXP2 | No | Yes | Yes | No | 3VCWZ6 | No | Yes | Yes | No |
| 2VMNUV | No | Yes | Yes | No | 3YCXBZ | No | Yes | Yes | No |
| 2XMT2W | No | Yes | Yes | No | 3Z4WJ8 | No | Yes | Yes | No |
| 2Z8HJN | No | Yes | Yes | No | 42QP8F | No | Yes | Yes | No |
| 32YJXV | No | Yes | Yes | No | 42T7UE | No | Yes | Yes | No |
| 374KGE | No | Yes | Yes | No | 43MUDA | No | Yes | Yes | No |
| 376P6G | No | Yes | Yes | No | 48DD48 | No | Yes | Yes | No |
| 39EQAN | No | Yes | Yes | No | 49BZZP | No | Yes | Yes | No |
| 3A9ETJ | No | Yes | Yes | No | 4AY48W | No | Yes | Yes | No |
| 3CZ8PT | No | Yes | Yes | No | 4CTWD2 | No | Yes | Yes | No |

TABLE 7

| WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | | WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | |
|---------|------------------------|--------|-------------------------|--------|---------|---|-----------|-------------------------|-----------|
| | Item 3 | Item 4 | Item 3 | Item 4 | | Item 3 | Item 4 | Item 3 | Item 4 |
| 4DHCDB | No | Yes | Yes | No | 686CGQ | No | Yes | Yes | No |
| 4EV6EZ | No | Yes | Yes | No | 6A49QK | No | Yes | Yes | No |
| 4HTQ73 | No | Yes | Yes | No | 6BGV9Y | No | Yes | Yes | No |
| 4J9Q2H | No | Yes | Yes | No | 6E42WA | No | Yes | Yes | No |
| 4JNQG2 | No | Yes | Yes | No | 6E7NF9 | No | Yes | Yes | No |
| 4JW49P | No | Yes | Yes | No | 6FA7VJ | No | Yes | Yes | No |
| 4KY8KL | No Interp | Yes | Yes | No | 6GXK3H | No | Yes | Yes | No |
| 4MG4EW | No | Yes | Yes | No | 6HRDXZ | No | Yes | Yes | No |
| 4NKGJ7 | No | Yes | Yes | No | 6K37AE | No | Yes | Yes | No |
| 4P4PZT | No | Yes | Yes | No | 6M4VEM | No | Yes | Yes | No |
| 4PDAHV | No | Yes | Yes | No | 6MRFLZ | No | Yes | Yes | No |
| 4PX7QP | No | Yes | Yes | No | 6RM9GG | No | Yes | Yes | No |
| 4QRU9K | No | Yes | Yes | No | 6UZKRT | No | Yes | Yes | No |
| 4RJXTF | No | Yes | Yes | No | 6WV9EM | No Interp | No Interp | No Interp | No Interp |
| 4T2Q6B | No | Yes | Yes | No | 6ZX3GX | No | Yes | Yes | No |
| 4UTXZ8 | No | Yes | Yes | No | 789PLJ | No | Yes | Yes | No |
| 4VE2R9 | No | Yes | Yes | No | 78N2CC | No | Yes | Yes | No |
| 4YECN9 | No | Yes | Yes | No | 78NHGG | No | Yes | Yes | No |
| 4YU8ZV | No | Yes | Yes | No | 7ATT4P | No | Yes | Yes | No |
| 4Z2QG4 | No | Yes | Yes | No | 7CZJHE | No Interp | Yes | Yes | No |
| 4Z4FJE | No | Yes | Yes | No | 7EKZLX | No | Yes | Yes | No |
| 4ZZT78 | No | Yes | Yes | No | 7FYUDE | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| 6662RH | No Interp | Yes | Yes | No | 7RHLKH | No | Yes | Yes | No |
| 66KNEJ | No | Yes | Yes | No | 7TKC3C | No | Yes | Yes | No |
| 67BNYV | No | Yes | Yes | No | 7U89FW | No | Yes | Yes | No |

TABLE 7

| WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | | WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | |
|---------|---|-----------|-------------------------|-----------|---------|------------------------|-----------|-------------------------|-----------|
| | Item 3 | Item 4 | Item 3 | Item 4 | | Item 3 | Item 4 | Item 3 | Item 4 |
| 7UZV6 | No | Yes | Yes | No | 8TRDAV | No | Yes | Yes | No |
| 7YB8ZF | No | Yes | Yes | No | 8UFFTJ | No | Yes | Yes | No |
| 838ZRP | No | Yes | Yes | No | 8W2GBC | No | Yes | Yes | No |
| 84M27D | No | Yes | Yes | No | 8W6FRK | No | Yes | Yes | No |
| 86RGR6 | No Interp | No Interp | No Interp | No Interp | 8WKC4Y | No | Yes | Yes | No |
| 87VDME | No | Yes | Yes | No | 8XGJHK | No | Yes | Yes | No |
| 88MLHC | No | Yes | Yes | No | 8YHR3W | No | Yes | Yes | No |
| 8AV9HF | No | Yes | Yes | No | 92UPLX | No Interp | No Interp | No Interp | No Interp |
| 8B4VPN | No | Yes | Yes | No | 93Q39Q | No Interp | No Interp | Yes | No Interp |
| 8C26UR | No | Yes | Yes | No | 988X3M | No | Yes | Yes | No |
| 8C2YTE | No | Yes | Yes | No | 98GL4U | No | Yes | Yes | No |
| 8DR8QE | No | Yes | Yes | No | 99JLQU | No | Yes | Yes | No |
| 8ENHUC | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | 9AJJH3 | No | Yes | Yes | No |
| 8EQCJU | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | 9B6Y6K | No Interp | No Interp | No Interp | No Interp |
| 8HHDPW | No | Yes | Yes | No | 9BY3K9 | No | Yes | Yes | No |
| 8JUK44 | No | Yes | Yes | No | 9EKDPK | No | Yes | Yes | No |
| 8KW4MF | No | Yes | Yes | No | 9EZW8W | No | Yes | Yes | No |
| 8LKFC7 | No | Yes | Yes | No | 9G77QE | No | Yes | Yes | No |
| 8MBBKE | No Interp | Yes | Yes | No | 9HDKNU | No | Yes | Yes | No |
| 8PC2BT | No | Yes | Yes | No | 9JCQGZ | No | Yes | Yes | No |
| 8PLLQB | No | Yes | Yes | No | 9Y6EFD | No | Yes | Yes | No |
| 8PQKYW | No | Yes | Yes | No | A4FUHA | No | Yes | Yes | No |
| 8Q8F2R | No | Yes | Yes | No | A6Y8LK | No | Yes | Yes | No |
| 8QHLUM | No | Yes | Yes | No | A72772 | Inc | Yes | Inc | No |
| 8TKWMB | No | Yes | Yes | No | A8E7GV | No | Yes | Yes | No |

TABLE 7

| WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | | WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | |
|---------|---|-----------|-------------------------|-----------|---------|---|--------|-------------------------|--------|
| | Item 3 | Item 4 | Item 3 | Item 4 | | Item 3 | Item 4 | Item 3 | Item 4 |
| A8JQ33 | Inc | Yes | Yes | No | B3EGCT | No | Yes | Yes | No |
| A8T77X | No | Yes | Yes | No | B6MMW9 | No | Yes | Yes | No |
| AAJTVK | No | Yes | Yes | No | B787AA | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| ACUKH9 | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | B8BYXY | No | Yes | Yes | No |
| ACVX2Z | No | Yes | Yes | No | B8F9VR | No | Yes | Yes | No |
| ADT9TW | No | Yes | Yes | No | B8VM6L | No | Yes | Yes | No |
| AEQXC7 | No | Yes | Yes | No | B8XCAJ | No | Yes | Yes | No |
| AETLV6 | No | Yes | Yes | No | BCPLFB | No | Yes | Yes | No |
| AFLGHD | No | Yes | Yes | No | BKKKBQ | No | Yes | Yes | No |
| AH2776 | No | Yes | Yes | No | BLVHHB | No | Yes | Yes | No |
| AKQZXK | No | Yes | Yes | No | BNCZ9C | No | Yes | Yes | No |
| ALZJTU | No | Yes | Yes | No | BQCBTZ | No | Yes | Yes | No |
| AMG6PW | No | Yes | Yes | No | BR48HU | No | Yes | Yes | No |
| AMQYR6 | No | Yes | Yes | No | BTWUD8 | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| AMTZXH | No | Yes | Yes | No | BTXN2P | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| AMWXXM | No Interp | No Interp | Yes | No Interp | BUBTN8 | No | Yes | Yes | No |
| ANDJCP | No | Yes | Yes | No | BUW9BP | No | Yes | Yes | No |
| ANQLYH | No | Yes | Yes | No | BVFJEC | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| APHLXE | No | Yes | Yes | No | BWUNCA | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| AQVYCG | No Interp | No Interp | Yes | No Interp | BWY3ZU | No | Yes | Yes | No |
| AT9R3X | No | Yes | Yes | No | BXM3UD | No | Yes | Yes | No |
| ATL2H6 | No | Yes | Yes | Inc | BY4QH6 | No | Yes | Yes | No |
| AX44VU | No | Yes | Yes | No | BZQ6B2 | No | Yes | Yes | No |
| AYFDU2 | No | Yes | Yes | No | C3AV6Y | No | Yes | Yes | No |
| B2UPXN | No | Yes | Yes | No | | | | | |

TABLE 7

| WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | | WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | |
|---------|---|--------|-------------------------|--------|---------|---|-----------|-------------------------|-----------|
| | Item 3 | Item 4 | Item 3 | Item 4 | | Item 3 | Item 4 | Item 3 | Item 4 |
| C3JZAW | No | Yes | Yes | No | D2ERU3 | No | Yes | Yes | No |
| C4PF82 | No | Yes | Yes | No | D2GABX | No | Yes | Yes | No |
| C6M9DR | No | Yes | Yes | No | D83XJ4 | No | Yes | Yes | No |
| C7YLYC | No | Yes | Yes | No | D9ZLA9 | No Interp | No Interp | Yes | No Interp |
| C7YULM | No | Yes | Yes | No | DCVX36 | No | Yes | Yes | No |
| CATHAG | No | Yes | Yes | No | DDVLTG | No | Yes | Yes | No |
| CB78GZ | No | Yes | Yes | No | DETFNL | No | Yes | Yes | No |
| CB927E | No | Yes | Yes | No | DF4DZH | No | Yes | Yes | No |
| CBM7RC | No | Yes | Yes | No | DJKEK4 | No | Yes | Yes | No |
| CCM9QB | No | Yes | Yes | No | DJYG84 | No | Yes | Yes | No |
| CDVJ9J | No | Yes | Yes | No | DLPYMP | No | Yes | Yes | No |
| CED9YQ | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | DQ2HQU | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| CGQNVQ | No | Yes | Yes | No | DRTVGM | No Interp | No Interp | No Interp | No Interp |
| CHNYRT | | Yes | Yes | | DRVKLLK | No Interp | No Interp | Yes | No Interp |
| CKBXM3 | No | Yes | Yes | No | DTPA4F | No | Yes | Yes | No |
| CKUL6X | No | Yes | Yes | No | DTPFA | No | Yes | Yes | No |
| CL7ZM7 | No | Yes | Yes | No | DWK88D | No | Yes | Yes | No |
| CLNBMT | No | Yes | Yes | No | DY4BPH | Inc | Yes | Yes | Inc |
| CMHCQG | No | Yes | Yes | No | DY4F37 | No | Yes | Yes | No |
| CTMDQB | No | Yes | Yes | No | DYEQDK | No | Yes | Yes | No |
| CU2T9J | No | Yes | Yes | No | DZRFMP | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| CU6WX9 | No | Yes | Yes | No | E3VU2M | No | Yes | Yes | No |
| CVC4YP | No | Yes | Yes | No | E4ELHC | No | Yes | Yes | Inc |
| CWC69E | No | Yes | Yes | No | E4EQVZ | No Interp | Yes | No Interp | No |
| CWVX2B | No | Yes | Yes | No | | | | | |

TABLE 7

| WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | | WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | |
|---------|---|-----------|-------------------------|-----------|---------|---|-----------|-------------------------|-----------|
| | Item 3 | Item 4 | Item 3 | Item 4 | | Item 3 | Item 4 | Item 3 | Item 4 |
| E6YWHB | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | EZ8Y4F | No | Yes | Yes | No |
| E7YM2D | No | Yes | Yes | No | F2W3U | No | Yes | Yes | No |
| E9Q7CY | No | Yes | Yes | No | F4CFEM | No | Yes | Yes | No |
| EA4A4A | No | Yes | Yes | No | F8KVHR | No | Yes | Yes | No |
| ECJXWT | No | Yes | Yes | No | F8MKK4 | No | Yes | Yes | No |
| EE2VUD | No | Yes | Yes | No | F9FG6Q | No | Yes | Yes | No |
| EEMPTM | No Interp | No Interp | Yes | No Interp | FB6UZF | No | Yes | Yes | No |
| EFUHKV | No | Yes | Yes | No | FDZN7K | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| EHGAED | No | Yes | Yes | No | FF6W8V | No | Yes | Yes | No |
| EJ9PTA | No | Yes | Yes | No | FF9JK3 | No | Yes | Yes | No |
| EKC3WV | No | Yes | Yes | No | FFCDTU | No | Yes | Yes | No |
| ENKTF6 | No | Yes | Yes | No | FFDUPL | No Interp | No Interp | No Interp | No Interp |
| EP2BWB | No | Yes | Yes | No | FJQML7 | No | Yes | Yes | No |
| EPMR4Q | No | Yes | Yes | No | FKXFEE | No | Yes | Yes | No |
| EPN7NJ | No | Yes | Yes | No | FL2C6H | No | Yes | Yes | No |
| EQJKFH | No | Yes | Yes | No | FMPV3A | No | Yes | Yes | No |
| ERDGJH | No | Yes | Yes | No | FNWFJH | Inc | Yes | Yes | Inc |
| ETGMQ7 | No | Yes | Yes | No | FQ48J7 | No | Yes | Yes | No |
| ETMGKJ | No | Yes | Yes | No | FRKTGT | No | Yes | Yes | No |
| ETMHNP | No | Yes | Yes | No | FU4HE7 | No | Yes | Yes | No |
| EU4M8N | No | Yes | Yes | No | FZ3MRA | No Interp | No Interp | Yes | No Interp |
| EUE2AH | No | Yes | Yes | No | FZM2KT | No | Yes | Yes | No |
| EUZZUG | No | Yes | Yes | No | G6QLLV | No | Yes | Yes | No |
| EZ6VL4 | No | Yes | Yes | No | G8FFLZ | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| EZ7RP8 | No | Yes | Yes | No | G8HL2E | No | Yes | Yes | No |

TABLE 7

| WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | | WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | |
|---------|------------------------|-----------|-------------------------|-----------|---------|------------------------|--------|-------------------------|--------|
| | Item 3 | Item 4 | Item 3 | Item 4 | | Item 3 | Item 4 | Item 3 | Item 4 |
| GACPA2 | No | Yes | Yes | No | HE9ZV7 | No | Yes | Yes | No |
| GAKUB9 | No | Yes | Yes | No | HEL3RZ | No | Yes | Yes | No |
| GB4RUW | No | Yes | Yes | No | HEM4CX | No | Yes | Yes | No |
| GBDXG7 | No Interp | No Interp | No Interp | No Interp | HH6K3B | No | Yes | Yes | No |
| GC2GEX | No | Yes | Yes | No | HH8G4U | No | Yes | Yes | No |
| GD6D8M | No | Yes | Yes | No | HHDNLB | No | Yes | Yes | No |
| GDJ9P4 | No | Yes | Yes | No | HHLF9X | No | Yes | Yes | No |
| GF7ZPC | No | Yes | Yes | No | HHQF7X | No | Yes | Yes | No |
| GJ82PA | No | Yes | Yes | No | HHX9T4 | No | Yes | Yes | No |
| GK2CH9 | No | Yes | Yes | No | HJ26MP | No | Yes | Yes | No |
| GLCQU4 | No | Yes | Yes | No | HJF4QU | Inc | Yes | Inc | No |
| GLM49U | No | Yes | Yes | No | HJQ3CC | No | Yes | Yes | No |
| GN47HY | No | Yes | Yes | No | HKH3B9 | No | Yes | Yes | No |
| GT9Y9X | No | Yes | Yes | No | HM6V76 | No | Yes | Yes | No |
| GTT6WA | No | Yes | Yes | No | HN9T3C | No | Yes | Yes | No |
| GUV6LU | No | Yes | Yes | No | HNV4AK | No | Yes | Yes | No |
| GVMTF6 | No | Yes | Yes | No | HQ6AM3 | No | Yes | Yes | No |
| GVWWWA | No | Yes | Yes | No | HRH7C6 | No | Yes | Yes | No |
| GZ2WGL | No | Yes | Yes | No | HTM9UN | No | Yes | Yes | No |
| H3WT2R | No | Yes | Yes | No | HV8WWW | No | Yes | Yes | No |
| H86VLG | No Interp | Yes | Yes | No | HW4BJN | No | Yes | Yes | No |
| HBE87Y | No Interp | Yes | No Interp | No | HZMQ6U | No | Yes | Yes | No |
| HCECDB | No | Yes | Yes | No | J2DN2M | No | Yes | Yes | No |
| HCKN8L | No | Yes | Yes | No | J2ZJWG | No | Yes | Yes | No |
| HDLREW | No | Yes | Yes | No | J3LNTR | No | Yes | Yes | No |

TABLE 7

| WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | | WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | |
|---------|---|-----------|-------------------------|-----------|---------|------------------------|--------|-------------------------|--------|
| | Item 3 | Item 4 | Item 3 | Item 4 | | Item 3 | Item 4 | Item 3 | Item 4 |
| J64G6N | No | Yes | Yes | No | K8LGV9 | No | Yes | Yes | No |
| J843QU | No | Yes | Yes | No | K8N4E8 | No | Yes | Yes | No |
| JB4PJ3 | No | Yes | Yes | No | K9KY4K | No | Yes | Yes | No |
| JCHQLA | No | Yes | Yes | No | K9U43G | No | Yes | Yes | No |
| JCNDCJ | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | KBC43B | No | Yes | Yes | No |
| JDT8J4 | No | Yes | Yes | No | KCRQV6 | No | Yes | Yes | No |
| JEQD9A | No | Yes | Yes | No | KHXJNE | No | Yes | Yes | No |
| JG67NG | No | Yes | Yes | No | KK4EER | No | Yes | Yes | No |
| JJDGL7 | No | Yes | Yes | No | KKKYGV | No | Yes | Yes | No |
| JNBA32 | No | Yes | Yes | No | KPC7JC | No Interp | Yes | No Interp | No |
| JNFMNC | No | Yes | Yes | No | KREF6D | No | Yes | Yes | No |
| JQ2B74 | No | Yes | Yes | No | KTE7VU | No | Yes | Yes | No |
| JQPHLM | No | Yes | Yes | No | KVLZJL | | | | |
| JRCPHY | No | Yes | Yes | No | KVREVX | No Interp | Yes | No Interp | No |
| JUUFL3 | No Interp | No Interp | Yes | No Interp | KXQNYC | No | Yes | Yes | No |
| JVG2BY | No | Yes | Yes | No | KZC2FL | No | Yes | Yes | No |
| JW8ZRH | No | Yes | Yes | No | L27K3T | No | Yes | Yes | No |
| JXFTBD | No | Yes | Yes | No | L8LAB6 | No | Yes | Yes | No |
| JXHDD3 | No | Yes | Yes | No | L8U3HP | No | Yes | Yes | No |
| JXRYJV | No | Yes | Yes | No | L8VEFY | No | Yes | Yes | No |
| K3PB7Z | No | Yes | Yes | No | L9Y7Z7 | No | Yes | Yes | No |
| K4YDXQ | No | Yes | Yes | No | LA37P7 | No | Yes | Yes | No |
| K6EMXH | No | Yes | Yes | No | LAJ8F3 | No | Yes | Yes | No |
| K6WRFG | No | Yes | Yes | No | LBEK3Z | No | Yes | Yes | No |
| K77PFR | No | Yes | Yes | No | LCBXPT | No | Yes | Yes | No |

TABLE 7

| WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | | WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | |
|---------|---|-----------|-------------------------|-----------|---------|---|-----------|-------------------------|-----------|
| | Item 3 | Item 4 | Item 3 | Item 4 | | Item 3 | Item 4 | Item 3 | Item 4 |
| LCV3BJ | No | Yes | Yes | No | M79KMA | No | Yes | Yes | No |
| LDR92K | No | Yes | Yes | No | M88K9T | No | Yes | Yes | No |
| LE3CDN | No | Yes | Yes | No | M9BYWF | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| LE4C9H | No | Yes | Yes | No | MAHRM3 | No Interp | No Interp | Yes | No Interp |
| LK2E6W | No | Yes | Yes | No | MDYTKZ | No Interp | No Interp | No Interp | No Interp |
| LK6LHV | No | Yes | Yes | No | ME9784 | No | Yes | Yes | No |
| LKJK78 | No | Yes | Yes | No | MEZQQ9 | No | Yes | Yes | No |
| LKPJWC | No | Yes | Yes | No | MFBM4Z | No | Yes | Yes | No |
| LLBXXL | No | Yes | Yes | No | MHRR8H | No | Yes | Yes | No |
| LLXP67 | No | Yes | Yes | No | MK7HLY | No | Yes | Yes | No |
| LMFCXR | No | Yes | Yes | No | MK7L8N | No | Yes | Yes | No |
| LML3AN | No | Yes | Yes | No | MPD4E3 | No Interp | No Interp | Yes | No Interp |
| LMVKXE | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | MRME7Z | No | Yes | Yes | No |
| LNFBZV | No | Yes | Yes | No | MU9ZW3 | No | Yes | Yes | No |
| LP4CVG | No | Yes | Yes | No | MWRM6B | Inc | Yes | Yes | No |
| LPCKMN | No | Yes | Yes | No | MYJQ6X | No | Yes | Yes | No |
| LPE87M | No | Yes | Yes | No | MZANPW | No | Yes | Yes | No |
| LR2WHN | No | Yes | Yes | No | N24HTQ | No | Yes | Yes | No |
| LY8AA | No | Yes | Yes | No | N6MR8C | No | Yes | Yes | No |
| LUF3GC | No | Yes | Yes | No | N79W6N | No | Yes | Yes | No |
| LW36EP | No | Yes | Yes | No | N87Z36 | No | Yes | Yes | No |
| M2PXQB | No Interp | No Interp | No Interp | No Interp | N8QQXB | No | Yes | Yes | No |
| M68WY4 | No | Yes | Yes | No | NBMFF4 | No | Yes | Yes | No |
| M6NALB | No Interp | No Interp | No Interp | No Interp | NCY6TN | No | Yes | Yes | No |
| M6RRTL | No | Yes | Yes | No | ND22T6 | No | Yes | Yes | No |

TABLE 7

| WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | | WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | |
|---------|------------------------|-----------|-------------------------|--------|---------|------------------------|-----------|-------------------------|-----------|
| | Item 3 | Item 4 | Item 3 | Item 4 | | Item 3 | Item 4 | Item 3 | Item 4 |
| NHPCHN | No | Yes | Yes | No | PTGKAP | No | Yes | Yes | No |
| NMGLJA | No | Yes | Yes | No | PUFJW6 | No | Yes | Yes | No |
| NMKBN8 | No | Yes | Yes | No | PVB78M | No | Yes | Yes | No |
| NMWJGM | No | Yes | Yes | No | PVQAX9 | No | Yes | Yes | Inc |
| NPKVHD | No | Yes | Yes | No | PXWXBD | No | Yes | Yes | No |
| NPM4NX | No | Yes | Yes | No | PYMTJL | No Interp | No Interp | No Interp | No Interp |
| NVMPZE | No | Yes | Yes | No | PZRXL2 | No | Yes | Yes | No |
| NW8ZRM | No | Yes | Yes | No | Q2CQXP | No | Yes | Yes | No |
| NWJ7JG | No | Yes | Yes | No | Q62GJ9 | No | Yes | Yes | No |
| NWWUD4 | No | Yes | Yes | No | Q7UHC4 | No | Yes | Yes | No |
| NXP2M2 | No | Yes | Yes | No | Q7YJE6 | No | Yes | Yes | No |
| P22C94 | No | Yes | Yes | No | QBXH2N | No | Yes | Yes | No |
| P4Y4R2 | No | Yes | Yes | No | QDG9WD | No | Yes | Yes | No |
| P78TYY | No | Yes | Yes | No | QEQZ49 | No | Yes | Yes | No |
| P7YHXD | No | Yes | Yes | No | QFAVU2 | No | Yes | Yes | No |
| PA762Q | No | Yes | Yes | No | QFHV4Y | | Yes | Yes | |
| PB9P76 | No | Yes | Yes | No | QGP49V | No | Yes | Yes | No |
| PCWWZV | No | Yes | Yes | No | QHGL9Q | No | Yes | Yes | No |
| PE6Q3M | No | Yes | Yes | No | QHMZT6 | No | Yes | Yes | No |
| PPFVDP | No | Yes | Yes | No | QHXGQX | No Interp | No Interp | No Interp | No Interp |
| PJXU37 | No | Yes | Yes | No | QHZ4AW | No | Yes | Yes | No |
| PLK23N | No Interp | No Interp | Yes | No | QJDM7M | No | Yes | Yes | No |
| PLNV9U | No | Yes | Yes | No | QK23DA | No | Yes | Yes | No |
| PMTCUK | No | Yes | Yes | No | QKR69T | No | Yes | Yes | No |
| PT6QR6 | No | Yes | Yes | No | QPMEFQ | No | Yes | Yes | No |

TABLE 7

| WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | | WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | |
|---------|---|-----------|-------------------------|-----------|---------|------------------------|--------|-------------------------|--------|
| | Item 3 | Item 4 | Item 3 | Item 4 | | Item 3 | Item 4 | Item 3 | Item 4 |
| QQ8DBP | No | Yes | Yes | No | RWFKK8 | Inc | Yes | Yes | No |
| QTYTYK | No | Yes | Yes | No | RWZZAA | No | Yes | Yes | No |
| QWWELG | No | Yes | Yes | No | RXL67L | No | Yes | Yes | No |
| QYDQ36 | No | Yes | Yes | No | RXNUBJ | No | Yes | Yes | No |
| QYR887 | No | Yes | Yes | No | RXZLZ2 | No | Yes | Yes | No |
| QZ7RXV | No | Yes | Yes | No | RZPCH7 | No | Yes | Yes | No |
| QZLRJR | No | Yes | Yes | No | T4J99C | No | Yes | Yes | No |
| QZWK6T | No | Yes | Yes | No | T4TQ3V | No | Yes | Yes | No |
| R2TUZ2 | No | Yes | Yes | No | T6EMYB | No | Yes | Yes | No |
| R4YPQE | No Interp | No Interp | Yes | No Interp | TBFB4V | No | Yes | Yes | No |
| R6UTEZ | No | Yes | Yes | No | TBWUZA | No | Yes | Yes | No |
| R7PD2Y | No | Yes | Yes | No | TCJER7 | No | Yes | Yes | No |
| RCCGEQ | No | Yes | Yes | No | TEQB4H | No | Yes | Yes | No |
| RCUBUC | No | Yes | Yes | No | TEZ4CH | No | Yes | Yes | No |
| RDLBP3 | No | Yes | Yes | No | TFMNQA | No | Yes | Yes | No |
| RDNYC8 | No | Yes | Yes | No | TFQPRG | No | Yes | Yes | No |
| RFA4P7 | No | Yes | Yes | No | THPAAL | No Interp | Yes | No Interp | No |
| RFUYBV | No | Yes | Yes | No | THY9YA | No | Yes | Yes | No |
| RJABCP | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | TJ7AJ3 | No | Yes | Yes | No |
| RJKAX8 | No | Yes | Yes | No | TKDLBC | No | Yes | Yes | No |
| RKNFMD | No | Yes | Yes | No | TLQD29 | No | Yes | Yes | No |
| RKRUJM | No | Yes | Yes | No | TLXMLZ | No | Yes | Yes | No |
| RLHK6L | No | Yes | Yes | No | TLYB96 | No | Yes | Yes | No |
| RN27RW | No Interp | No Interp | Yes | No Interp | TMN6Q2 | No | Yes | Yes | No |
| RNXQCB | No | Yes | Yes | No | TMZTJU | No Interp | Yes | Yes | No |

TABLE 7

| WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | | WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | |
|---------|------------------------|-----------|-------------------------|-----------|---------|------------------------|-----------|-------------------------|-----------|
| | Item 3 | Item 4 | Item 3 | Item 4 | | Item 3 | Item 4 | Item 3 | Item 4 |
| TNFHXL | No | Yes | Yes | No | UYRJX8 | No | Yes | Yes | No |
| TR8P23 | No | Yes | Yes | No | UZ2CKY | No | Yes | Yes | No |
| TTHN2C | No | Yes | Yes | No | V2UW2Q | No Interp | No Interp | Yes | No Interp |
| TTREQ3 | No | Yes | Yes | No | V3P8PJ | No | Yes | Yes | No |
| TWEXV7 | No | Yes | Yes | No | V62HEQ | No | Yes | Yes | No |
| TYDXN6 | No Interp | Yes | Yes | No | V6KG82 | No | Yes | Yes | No |
| TZL8G3 | No | Yes | Yes | No | V6PGE2 | No | Yes | Yes | No |
| U2XP9R | No | Yes | Yes | No | V84KP7 | No | Yes | Yes | No |
| U6FRDC | No | Yes | Yes | No | V8GE8R | No | Yes | Yes | No |
| U7VL6T | No Interp | No Interp | Yes | No Interp | V8QH6X | No | Yes | Yes | No |
| UBN9TR | No | Yes | Yes | No | V9ZAXU | No | Yes | Yes | No |
| UCGF2Q | No | Yes | Yes | No | VAUC6N | No | Yes | Yes | No |
| UCJ4KP | No | Yes | Yes | No | VBHPDM | No | Yes | Yes | No |
| UD2Q3P | No | Yes | Yes | No | VCKBL8 | No | Yes | Yes | No |
| UH9EHC | No | Yes | Yes | No | VEMYH4 | No | Yes | Yes | No |
| UJJDHM | No | Yes | Yes | No | VG7K7E | No | Yes | Yes | No |
| UKATY6 | No | Yes | Yes | No | VG9AAB | No | Yes | Yes | No |
| ULE7Z7 | No | Yes | Yes | No | VG9VWV | No | Yes | Yes | Inc |
| ULTRBT | No | Yes | Yes | No | VH4Y3Q | No | Yes | Yes | No |
| UMXQHA | No | Yes | Yes | No | VJKULH | No | Yes | Yes | No |
| UNZHMQ | No | Yes | Yes | No | VLBT32 | No Interp | No Interp | Yes | No Interp |
| UQ2M33 | No Interp | No Interp | Yes | No Interp | VP3VDA | No | Yes | Yes | No |
| URF2L7 | No | Yes | Yes | No | VP6GDV | No | Yes | Yes | No |
| UTN68G | No | Yes | Yes | No | VRTZAM | No | Yes | Yes | No |
| UXUYN6 | No | Yes | Yes | No | VYHW8W | No | Yes | Yes | No |

TABLE 7

| WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | | WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | |
|---------|---|--------|-------------------------|--------|---------|------------------------|-----------|-------------------------|-----------|
| | Item 3 | Item 4 | Item 3 | Item 4 | | Item 3 | Item 4 | Item 3 | Item 4 |
| W6BQ9B | No | Yes | Yes | No | X7XALY | No | Yes | Yes | No |
| W6CWW3 | No | Yes | Yes | No | X8VKH2 | No | Yes | Yes | No |
| W6VC7J | No | Yes | Yes | No | X93CGP | No | Yes | Yes | No |
| W7KVLY | No | Yes | Yes | No | XAA634 | No | Yes | Yes | No |
| W8PZQZ | No | Yes | Yes | No | XAFCQJ | No | Yes | Yes | No |
| W94F98 | No | Yes | Yes | No | XC6DGL | No | Yes | Yes | No |
| W9KEHY | No | Yes | Yes | No | XC8ZZL | No | Yes | Yes | No |
| WALBE2 | No | Yes | Yes | No | XCRE24 | No Interp | No Interp | Yes | No Interp |
| WAU2TU | No | Yes | Yes | No | XDUAJE | No | Yes | Yes | No |
| WC9FUL | Inc | Yes | Inc | No | XFBW4F | No | Yes | Yes | No |
| WK8TBZ | No | Yes | Yes | No | XG3R9H | No | Yes | Yes | No |
| WLWBQF | No | Yes | Yes | No | XM9V8A | No | Yes | Yes | No |
| WMNXEH | No | Yes | Yes | No | XMG32C | No | Yes | Yes | No |
| WN9FTP | No | Yes | Yes | No | XPDUUJ | No | Yes | Yes | No |
| WWM34E | No | Yes | Yes | No | XPPTKL | No | Yes | Yes | No |
| WXG9JQ | No | Yes | Yes | No | XQT7RE | No | Yes | Yes | No |
| WXVBVL | No | Yes | Yes | No | XUD3BX | No | Yes | Yes | No |
| WXX4QD | No | Yes | Yes | No | XUDTQT | No | Yes | Yes | No |
| X2LWTL | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | XWFGMP | No | Yes | Yes | No |
| X3NVBF | No | Yes | Yes | No | XWZEEA | No | Yes | Yes | No |
| X3YW3F | No | Yes | Yes | No | XYK2JC | No | Yes | Yes | No |
| X4YKUR | No | Yes | Yes | No | XZ2H6B | No | Yes | Yes | No |
| X6NGY7 | No | Yes | Yes | No | XZ3JYA | No | Yes | Yes | No |
| X7HTPK | No | Yes | Yes | No | Y2J9AM | No | Yes | Yes | No |
| X7M4RJ | No | Yes | Yes | No | Y4NYAB | No | Yes | Yes | No |

TABLE 7

| WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | | WebCode | <u>Victim (Item 1)</u> | | <u>Suspect (Item 2)</u> | |
|---------|------------------------|-----------|-------------------------|-----------|---------|---|--------|-------------------------|--------|
| | Item 3 | Item 4 | Item 3 | Item 4 | | Item 3 | Item 4 | Item 3 | Item 4 |
| Y6LQJG | No | Yes | Yes | No | ZP273F | No | Yes | Yes | No |
| Y8A9P9 | No | Yes | Yes | No | ZRWMWM | No | Yes | Yes | No |
| YAG2FV | No | Yes | Yes | No | ZVAVXM | No | Yes | Yes | No |
| YAJ6DX | No | Yes | Yes | No | ZWLABH | No | Yes | Yes | No |
| YCDA6Q | No | Yes | Yes | No | ZX237Q | No | Yes | Yes | No |
| YFATCV | No | Yes | Yes | No | ZXK8PJ | No | Yes | Yes | No |
| YLF2J7 | No | Yes | Yes | No | ZXMM2J | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| Y LX9HP | No | Yes | Yes | No | | | | | |
| YPXGNL | No | Yes | Yes | No | | | | | |
| YQZHFN | No | Yes | Yes | No | | | | | |
| YRTM24 | No | Yes | Yes | No | | | | | |
| YUPTM9 | No Interp | No Interp | Yes | No Interp | | | | | |
| YVHKL9 | No | Yes | Yes | No | | | | | |
| YZRX38 | No | Yes | Yes | No | | | | | |
| Z2273J | No | Yes | Yes | No | | | | | |
| Z3XJVD | No | Yes | Yes | No | | | | | |
| Z4CEMH | No | Yes | Yes | No | | | | | |
| Z644PM | No | Yes | Yes | No | | | | | |
| Z98PJW | No | Yes | Yes | No | | | | | |
| ZBQT23 | No | Yes | Yes | No | | | | | |
| ZCABGZ | No | Yes | Yes | No | | | | | |
| ZEAWXZ | No Interp | No Interp | No Interp | No Interp | | | | | |
| ZG7NEX | No | Yes | Yes | No | | | | | |
| ZGXEVQ | No | Yes | Yes | No | | | | | |
| ZMD4B2 | No | Yes | Yes | No | | | | | |

| DNA Interpretation | | | | |
|--|--|---------------|------------------|---------------|
| Response Summary | Participants reporting DNA results: 676 | | | |
| <i>Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?</i> | | | | |
| | Victim (Item 1) | | Suspect (Item 2) | |
| | <u>Item 3</u> | <u>Item 4</u> | <u>Item 3</u> | <u>Item 4</u> |
| Yes | 0 | 620 | 631 | 0 |
| No | 597 | 0 | 0 | 613 |
| Inc | 8 | 0 | 3 | 6 |
| No Interpretation | 47 | 34 | 20 | 33 |
| No Response | 3 | 1 | 1 | 3 |

Participants analyzing DNA for database purposes only: 21

Additional Comments

TABLE 8

| WebCode | Additional Comments |
|---------|--|
| 22QWDX | The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed. |
| 24MHAN | This test was performed by a DNA technician, who is authorized to perform forensic biology testing, extraction (EZ1/QIAcube) and quant (Plexor HY). No DNA interpretations will be made. Data was amplified by a qualified DNA analyst to check for accuracy. STRmix was used by the authorized DNA analyst for the purpose of obtaining a genotype table for data entry. Item 3 (shirt) in this test was extracted by a differential extraction method where there is potential for incomplete separation in one or both fractions which could result in a mixture profile. Allele calls from both donors may be present in either profile due to incomplete separation. |
| 26XQFW | a) Extraction: Item 1 to Item 4 were extracted using the Chelex extraction method. b) Quantification: Item 1 to Item 4 were quantified using the Quantifiler Human DNA Quantification Kit on the Applied Biosystem Real Time Polymerase Chain Reaction (PCR) 7500 system. c) Amplification: Item 1 to Item 4 were amplified using the Globalfiler PCR Amplification Kit on the 9700 GeneAmp PCR system. Y-STR (Y-Short Tandem Repeat) amplification was carried out on Item 2 and Item 3 using the AmpFISTR Y-Filer PCR Amplification Kit on the 9700 GeneAmp PCR system. d) Electrophoresis: Electrophoresis was carried out on the Applied Biosystem 3500xl Genetic Analyzer with Genemapper ID-X software for Item 1 to Item 4 (Globalfiler). Electrophoresis for Y-Filer was carried out on the Applied Biosystem 3500xl Genetic Analyzer with Genemapper ID-X software for Item 2 and Item 3. f) Quality Control: Reagent blank, positive control and negative control were carried out throughout the analysis and all gave intended results. NM: Non Male Profile |
| 27E4PM | Serology, Mitochondrial DNA, and YSTR testing not performed. |
| 29JVFF | Items 3 and 4 were not processed for STR analysis. Items 1 and 2 were processed for STR database purposes only. Items 1 through 4 were processed for mtDNA analysis. A serological evaluation was not performed on Items 3 and 4 as it was not necessary to determine the method of processing for mtDNA analysis. A mixed mtDNA profile was obtained from Item 3 and the data is not reported because we do not have a validated protocol for the deconvolution of a mixed mtDNA profile. Since Item 3 is not reported, no interpretation can be made between Items 1 & 3 and Items 2 & 3. |
| 2J2EXW | Only interpretation completed by this analyst. |
| 2RX87K | Serology, mito, and Y-STR not performed |
| 2VMNUV | Extraction: - Item 3 was extracted using Chelex Differential Extraction. - Item 4 was extracted using Chelex Extraction. Quantification: Item 3 and Item 4 were quantified using Quantifiler Human DNA Quantification Kit and carried out by 7500 Real-Time PCR. Amplification: -Item 1 and Item 2 were amplified using Globalfiler Express PCR Amplication Kit on 9700 ABI GeneAmp PCR System. -Item 3 and Item 4 were amplified using Globalfiler PCR Amplication Kit on 9700 ABI GeneAmp PCR System. -Item 2 and Item 3 were amplified using AmpFLSTR Y Filer PCR Amplification Kit on 9700 ABI GeneAmp PCR System. Electrophoresis: The electrophoresis process was carried out by ABI Genetic Analyzer 3500xl for Item 1 to Item 4. Quality Control: Reagent blank, positive control and negative control were carried out along with the analysis and all gave the intended results. |
| 2XMT2W | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |

TABLE 8

| WebCode | Additional Comments |
|---------|---|
| 32YJXV | Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples. |
| 376P6G | Reporting with Stutter filters on. |
| 3DUU4H | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| 3JQ69F | Reporting with stutter filters on |
| 3L6QVP | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| 3MXJQ8 | The cutting from the suspect's shirt in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| 3QFA8G | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| 3RVBK6 | The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed. |
| 3TZPBC | Extraction: Item 1 and Item 2 were extracted using in-situ method. Item 3 was extracted using chelex (differential) extraction method. Item 4 was extracted using QIASymphony DNA Investigator KIT via QIASymphony SP. Quantification: Item 3 and Item 4 were quantified using ABI Quantifiler Trio DNA Quantification Kit on ABI QuantStudio 5 Real-Time PCR System. Amplification: Item 1 and Item 2 were amplified using GlobalFiler Express PCR Amplification Kit on Proflex PCR System. Item 3 and Item 4 were amplified using GlobalFiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Item 2 and Item 3 were amplified using AmpFLSTR Yfiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Electrophoresis: Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 1, Item 2, Item 3 and Item 4. Quality Control: Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. |
| 3Z4WJ8 | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| 42QP8F | Reporting STRmix results with stutter filters on. There is carryover from the sperm fraction in the epi fraction of Item 3. |

TABLE 8

| WebCode | Additional Comments |
|---------|--|
| 42T7UE | NR - no result |
| 43MUDA | The epithelial fraction from Item 3 produced a very low quantification value (13.5 pg). Despite there being no complete dropout of alleles, the resulting electropherogram had very low peak heights. |
| 48DD48 | For Item 3, the result of the PSA test was positive; however, the sperm search was negative. |
| 49BZZP | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| 4CTWD2 | Only performed autosomal interpretation, analytical labwork performed by another analyst. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. |
| 4HTQ73 | NR= no results. * = allele(s) below stochastic threshold. []= minor component. |
| 4JW49P | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| 4KY8KL | Per [Laboratory] guidelines, mtDNA results for Item 3 are a mixture of more than one contributor. The data is inconclusive. Mixtures are reported as INC. NR/NE means No results/ not expected. N/A means Not applicable/ not amplified. INC means Inconclusive. |
| 4P4PZT | Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples. |
| 4PDAHV | Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. DYS391 is reported as INC for the PowerPlex Fusion System as per laboratory policy. |
| 4RJXTF | Reporting with stutter filters on |
| 4Z2QG4 | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| 4Z4FJE | This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results. Full profiles were obtained for the epithelial and sperm fraction, however there was an incomplete separation of donors in the epithelial fraction resulting in a mixture. This is a normal observation routinely occurring in casework. NR = No Results |
| 4ZZT78 | Y-STR & Mitochondrial DNA analysis not performed in the laboratory. GMIDx analysis performed with stutter filters on. |
| 6662RH | Per [Laboratory] Missing Persons Unit interpretation guidelines, mixtures are reported as inconclusive; therefore, no interpretation was made between items 1 and 3. INC = inconclusive. NA = not applicable. NR/NE = no results/not expected. |

TABLE 8

| WebCode | Additional Comments |
|---------|--|
| 686CGQ | Extraction: Item 3 and Item 4 were extracted using the Chelex extraction method. Quantification: Item 3 and Item 4 were quantified using the Applied Biosystems™ Quantifiler™ Human DNA Quantification Kit on the Applied Biosystems™ 7500 Real-Time PCR Systems. Amplification: Item 1 and Item 2 were amplified using the Applied Biosystems™ GlobalFiler™ Express PCR Amplification Kit on the Applied Biosystems™ GeneAmp™ PCR System 9700. By using the in-situ method, Item 2 was also amplified using the Applied Biosystems™ AmpFLSTR™ Yfiler™ PCR Amplification Kit on the Applied Biosystems™ GeneAmp™ PCR System 9700. Item 3 and Item 4 were amplified using the Applied Biosystems™ GlobalFiler™ PCR Amplification Kit on the Applied Biosystems™ GeneAmp™ PCR System 9700. The Item 3 was also amplified using the Applied Biosystems™ AmpFLSTR™ Yfiler™ PCR Amplification Kit on the Applied Biosystems™ GeneAmp™ PCR System 9700. Electrophoresis: Electrophoresis was carried out on the Applied Biosystems™ 3500xL Genetic Analyzer and the data were analyzed with Applied Biosystems™ GeneMapper™ ID-X Software v1.5. Quality control: Reagent Blank, Positive Control and Negative Control were included throughout the analysis, and all gave intended results. Remark: 'NM' denotes non-male DNA profile. |
| 6A49QK | Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component. Stutter filters are established by the laboratory based on validation data and used to filter stutter during examiner analysis. Additionally, the laboratory utilizes a probabilistic genotyping software for data interpretation which models stutter during its probabilistic analysis of the data. Elevated stutter peaks which are above the stutter filters established by the laboratory during the validation may still occur but are handled probabilistically during interpretation by the software. The results for this test contain(s) (an) elevated stutter peak(s) which is/are being reported to the vendor as an additional comment but which has/have been modeled as stutter probabilistically during interpretation at the following locus/loci: Questioned stain from suspect's shirt (Item 3), D18S51 allele 23. |
| 6FA7VJ | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| 6K37AE | The answers in this CTS report were generated using the technician workflow. The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| 6M4VEM | Item 3 shirt in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| 6MRFLZ | Note: The acid phosphatase test was inconclusive due to fabric color for the following sample: 3. |
| 6RM9GG | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| 6UZKRT | Please note: 'NR' denotes a non-reportable allele |
| 6WV9EM | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. **Analysis performed by a DNA Technician; therefore, no interpretation performed. |
| 6ZX3GX | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |

TABLE 8

| WebCode | Additional Comments |
|---------|---|
| 789PLJ | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in the epithelial fraction, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| 7ATT4P | Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. DYS391 is reported as INC for the PowerPlex Fusion System as per laboratory policy. mtDNA results: HVIII Range (positions 420-593) Victim (Item 1): 523 DEL 524 DEL. Suspect (Item 2): 497 T Questioned stain from victim's bedsheet (yellow) (Item 4): 523 DEL 524 DEL. Due to laboratory interpretation policies, no interpretation or comparisons were made to positions 202-338 of the questioned stain from victim's bedsheet (yellow) because the read depth of the negative control(s) was greater than 10% of that of the sample. |
| 7CZJHE | NR/NE= No results/Not expected. NA=Not applicable. INC= Inconclusive. Missing persons reports mixtures as inconclusive and therefore no interpretation was made between item 3 and Item 1. |
| 7FYUDE | NA= Not applicable. INC= inconclusive. NR/NE= no result/ not expected. Missing Persons Unit reports mixtures as INC. |
| 7RHLKH | Agency item 3 (indicated in CTS as item 3) is our item 1. Agency item 4 (indicated in CTS as item 4) is our item 2. |
| 7TKC3C | Item 4 was tested in MiniFiler and PowerPlex Fusion. Data was concordant at overlapping loci. NR = No Result. |
| 7U89FW | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| 838ZRP | DYS391 is reported as INC for all samples tested per laboratory PowerPlex Fusion Interpretation Policy. Any labeled peaks that are likely due to PCR/STR artifact seen were not reported. |
| 84M27D | NR - no result. ** - may be attributed to elevated stutter. |
| 86RGR6 | No interpretation - only known samples tested. There are no evidentiary items for comparison at this time. [Laboratory] will retain the mitochondrial DNA profiles for [Laboratory Naming System] (Item 1) and [Laboratory Naming System] (Item 2) if at any point evidentiary samples should become available for comparison. Item 1 regions analyzed included HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. The only VR differences are 16526A, 523delA and 524delC. Item 2 regions analyzed included HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. The only VR differences are 16519C and 497T. |
| 87VDME | The non-sperm fraction of item 3 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the semen donor. |
| 8AV9HF | Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component. |
| 8B4VPN | DYS391 is reported INC for all samples tested using PowerPlex® fusion kit per laboratory policy. Any labeled peaks that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. |
| 8C26UR | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| 8C2YTE | Mito test was not performed. |
| 8ENHUC | Evidence items 3 and 4 not processed. Serology and mitochondrial testing not performed. |
| 8KW4MF | Serology, Y-STR and mito not performed. |

TABLE 8

| WebCode | Additional Comments |
|---------|--|
| 8MBBKE | The Missing Persons Unit does not interpret mixtures. Mixtures are reported as inconclusive; therefore no comparison could be made between items 1 & 3. INC=Inconclusive. NA = Not Applicable/Not Tested. NR/NE = No Result/Not Expected. |
| 8PLLQB | ND = no alleles detected |
| 8QHLUM | The 23 allele reported at D2S1338 for Item 3e is defined per laboratory protocol as additional data not impacting the interpretation of the results for the profile. |
| 8TKWMB | ND = Allele(s) not detected. |
| 8W2GBC | Reporting STRmix results with stutter filters on. Sperm fraction carryover observed in epithelial fraction. |
| 8W6FRK | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| 8WKC4Y | After the initial differential extraction of the bedsheet and the shirt, a partial profile was obtained for both sperm cell fractions. Additionally, the human quant for each sample was UND and no spermatozoa were detected. Therefore, in order to make an effort to obtain a full profile, the samples were re-extracted with a non-differential extraction. |
| 8XGJHK | For item 3e, probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report reflect DNA profiles with stutter filters on. |
| 988X3M | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| 98GL4U | Male Screening was performed manually on items 3 and 4 utilizing the Plexor HY Quantification kit. Male Screening prep was performed by [Name]. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. Only the analytical analysis was completed by [Name]. |
| 99JLQU | ND=Not Detected |
| 9B6Y6K | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| 9BY3K9 | # indicates the subtraction of the corresponding sperm fraction. |
| A4FUHA | Reporting with stutter filters on. |
| A72772 | Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures. |
| A8JQ33 | Item #3 (EF) has been reported as 'inconclusive' and an incomplete STR profile per laboratory policy. Insufficient DNA was recovered from this fraction to use for comparison purposes. Where allelic information was obtained alleles are reported. The final data was consistent with the qPCR data which also indicated insufficient (3pg) human DNA recovered from this sample. A low yield of Hemachromagen crystals was also noted during serology. Following trouble shooting and QC within the laboratory it was determined by the DNA technical leader that the reported results were consistent with and supported by the observed data. Root cause was possibly sample, and data did not support failures in instrumentation, reagents or analyst components. This concern was reported to CTS prior to final submission by the laboratory. |
| A8T77X | * = locus contains allele(s) below stochastic threshold. |

TABLE 8

| WebCode | Additional Comments |
|---------|--|
| ACVXZZ | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| ADT9TW | Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples. |
| AKQZXK | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| ALZJTU | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation |
| AMG6PW | The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed. |
| AMTZXH | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| AMWTFM | Interpretation only performed, analytical lab work performed by another analyst. |
| ANDJCP | The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed. |
| ANQLYH | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| AQVYCG | PT Test processed for Y-STRs only. Item 4 = no male DNA indicated. Not processed for Y-STRs. RapidHIT on Item 1. NID = No Interpretable data |
| ATL2H6 | NR= No results. Screening test performed by Forensic Biologist. male screen results interpreted by DNA analyst. |

TABLE 8

| WebCode | Additional Comments |
|---------|---|
| AYFDU2 | Fusion/YFiler was performed on Item 2. Results were concordant at the overlapping locus. Fusion/MiniFiler/YFiler/LCN YFiler was performed on Item 3. Results were concordant at all overlapping loci. Fusion/MiniFiler was performed on Item 4. Results were concordant at all overlapping loci. Interpretations about the Suspect (Item 2) being a contributor to Item 3 was confirmed by the YFiler/LCN YFiler result comparisons. |
| B6MMW9 | item 3 carryover of sperm fraction into epi fraction |
| B787AA | STR results on reference samples only. Items 1 and 2 only processed. Serology, mito and Y-STR not performed. |
| B8F9VR | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| B8VM6L | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation |
| B8XCAJ | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| BDZ6FD | Only Y-screening conducted on item 3 and item 4. Male DNA was indicated on item 3. Male DNA was not indicated on item 4. |
| BKKBQ | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| BLVHHB | Serology not performed, Mito not performed, Y-STR not performed |
| BQCBTZ | reporting with stutter filters on. Mito and Y's not performed at this laboratory. |
| BTWUD8 | Items 3 and 4 not processed, items evidence samples. Serology and mito testing were not performed. |
| BUBTN8 | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). This proficiency test was completed based on a technical review of case notes and interpretation of data. No laboratory work was performed. |
| BVFJEC | NA=Not Applicable/Not Tested. INC=Inconclusive. NR/NE=No Results/Not Expected. Missing Persons Unit reports mixtures as inconclusive. |
| BWUNCA | NA= not applicable/ not amplified. INC= inconclusive. Missing persons unit reports mixtures as INC. |
| BWY3ZU | The following exhibit was inconclusive for the presence of acid phosphatase due to difficulty in accurately detecting a color change as a result of the substrate color: 3. |
| BY4QH6 | NR = no results. Screening tests performed by a qualified Forensic Biologist and samples transferred to DNA analyst per SOP. KM testing performed by Forensic Biologist. The DNA analyst reviewed and interpreted the male screen results. #2 tested with GlobalFiler and GlobalFiler Express; concordant results generated. |
| BZQ6B2 | Reporting results with stutter filters on. |

TABLE 8

| WebCode | Additional Comments |
|---------|---|
| C3JZAW | Due to not performing the Biology part of the test this cycle, Item 3 (suspect's shirt) and Item 4 (victim's bedsheet) were extracted via differential extraction method in consideration of the possible sexual assault component. Item 3 (suspect's shirt) had full profiles for both epithelial and sperm cell fractions. Item 4 (victim's bedsheet) had a full profile for the epithelial cell fraction. However, a partial female profile was obtained for the sperm cell fraction. The majority of the called alleles in the sperm cell fraction are within or below the stochastic region, therefore, drop-out is occurring. Sperm cell fraction was re-ampped at max in order to verify results. After reviewing all the data, I determined that due to case scenario and sample type, the partial female result for the sperm cell fraction was intuitive with with everything I observed in this case. |
| C4PF82 | Reporting results with stutter filters on. |
| C7YLYC | Serology not performed, mito not performed, Y-STR not performed. --- - Possible additional alleles |
| CCM9QB | Item 3 Semen results- ALS Negative, Semen Positive. Mitochondrial DNA testing not performed. |
| CDVJ9J | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in the epithelial fraction, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| CKBXM3 | HT = Hematrace. NR = No Results. NT = Not Tested. |
| CKUL6X | Two samples submitted (1 blood, 1 semen (differential extraction)) for DNA profiling from item 3 - hence 2nd profile added into 'Additional DNA' section. 'Unknown' female profile obtained from blood tested from item 3. Minor components, matching corresponding components in profile of suspect detected from blood sample from Item 3. Trace level minor components detected in sample from item 4 (not suitable for comparison) |
| CMHCQG | Item 3 - Sperm fraction carry over into epithelial fraction. Reporting STRmix results with stutter filters on. |
| CU2T9J | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one fraction, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| CU6WX9 | NR=No results. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results. Full profiles were obtained for the epithelial and sperm fraction, however there was an incomplete separation of donors in the epithelial fraction resulting in a mixture. This is a normal observation routinely occurring in casework. |
| CWVX2B | Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component. |
| D83XJ4 | Extraction: Item 1 and Item 2 were extracted using in-situ method. Item 3 was extracted using Chelex (differential) extraction method. Item 4 was extracted using QIASymphony DNA Investigator Kit via QIASymphony SP. Quantitation: Item 3 and Item 4 were quantified using ABI Quantifiler Trio DNA Quantification Kit on ABI QuantStudio 5 Real-Time PCR System. Amplification: Item 1 and Item 2 were amplified using GlobalFiler Express PCR Amplification Kit on Proflex PCR System. Item 3 and Item 4 were amplified using Globalfiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Item 2 and Item 3 were amplified using AmpFLSTR Y-Filer PCR Amplification Kit on ABI GeneAmp PCR System 9700. Electrophoresis: Electrophoresis was carried out on ABI 3500xL Genetic Analyzer for Item 1, Item 2, Item 3 and Item 4. Electrophoresis was carried out on ABI 3500xL Genetic Analyzer for Item 2 and Item 3 (Y-Filer). Quality Control: Reagent blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. |

TABLE 8

| WebCode | Additional Comments |
|---------|--|
| D84JJP | Male Screening Preparation was completed by [Name]. Male Screening Processing and Interpretation was completed on [Name]'s test by [Name]. Male Screening Processing was performed robotically on items 3 and 4 and manually on item 3 utilizing the Plexor HY Quantification kit. DNA Analytical was completed on [Name] test by [Name] for items 1-4: robotic extraction and purification using PrepFiler Kit, robotic quantification with Quantifiler Human, robotic amplification with 24 Plex Amplification Kit, and Capillary Electrophoresis with 3500xl. Additional cutting from [Name] test of item 1: robotic extraction with the EZ1&2 Investigator Kit on the EZ1, manual quantification with Quantifiler Human, manual amplification with 24 Plex Amplification Kit, and Capillary Electrophoresis with 3500. |
| D9ZLA9 | A team approach was used. |
| DDVLTG | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| DETFNL | Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples. |
| DLPYMP | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| DRTVGM | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| DTPA4F | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| DTTPFA | Sero, Mito, and YSTR testing not performed. |
| DWK88D | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in the epithelial fraction, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| DY4BPH | DYS391 is reported as INC for the PowerPlex Fusion system as per laboratory policy. Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. |
| E3VU2M | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| E4ELHC | Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. Dys391 is reported as INC for the PowerPlex® Fusion System as per laboratory policy. Comparison results reported as inconclusive indicate a STRmix likelihood ratio result in the uninformative range. |

TABLE 8

| WebCode | Additional Comments |
|---------|---|
| E4EQVZ | Whole genome results were obtained for items 1,2,4, but only HV1/HV2 results were included in the mtDNA results tab as requested by CTS. Differential extraction was performed on Item 3 and was determined to be a mixture at quantitation. Mixtures are not interpreted with the mtDNA assay. Items 1 and 4 are the same with the exception of position 309. At this position only 43% deletion was detected in Item 1 below our analytical threshold of 45%. Item 4 exhibited 51% deletion at this position. Below you will find the complete results for the tested items: Item 1 (1-16569) 73G 146C 153G 235G 263G 315.1C 523del 524del 663G 750G 1736G 2706G 4248C 4769G 4824G 6707C 6935T 7028T 7673G 8027A 8794T 8860G 11719A 12007A 12705T 14766T 15326G 16111T 16223T 16286T 16290T 16319A 16362C 16526A Item 2 (1-10880 10922-10978 10986-12387 12399-12423 12455-13570 13686-16569) 73G 152C 263G 315.1C 497T 750G 1189C 1438G 1811G 2706G 3480G 4769G 6260A 7028T 8860G 9055A 9698C 10398G 10550G 11299C 11467G 11485C 11719A 11840T 12308G 12372A 13740C 14167T 14766T 14798C 15326G 16224C 16519C Item 4 (1-16569) 73G 146C 153G 235G 263G 309c (Note: 309c was detected in this sample with 51.3% deletion and remaining reads as C and our analytical threshold is 45%) 315.1C 523del 524del 663G 750G 1736G 2706G 4248C 4769G 4824G 6707C 6935T 7028T 7673G 8027A 8794T 8860G 11719A 12007A 12705T 14766T 15326G 16111T 16223T 16286T 16290T 16319A 16362C 16526A. [Participant created a manually formatted table within the free form text space. This special formatting was not transferable into the final report. Data is presented as is.] |
| EA4A4A | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| ECJXWT | The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed. |
| EE2VUD | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| EEMPTM | Victim (Item 1) was not sent for DNA typing; it was inventoried only. There is no interpretation for the suspect to Item 4 because Item 4 was stopped at quant due to no male DNA being detected. Y-STR testing was only performed for this test. |
| EHGAED | For item 3 (SF/EF), probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report reflect DNA profiles with stutter filters on. |
| EJ9PTA | NR = no result(s) detected. For items interpreted with STRmix, the Globalfiler STR results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis. |
| ENKTF6 | Item 3 showed a mixture in mtDNA testing and this laboratory does not interpret mtDNA mixtures therefore Item 3 for mtDNA will be reported as inconclusive. However, since Item 3 was also tested using Globalfiler and the mixture was still seen, the results from that testing will be used for interpretation and comparison. NR = No results |
| EPMR4Q | Y data was inputted for lab work only, no interpretations were made. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |

TABLE 8

| WebCode | Additional Comments |
|---------|--|
| ERDGJH | Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples. |
| ETMGKJ | Mitochondrial DNA, Y-STR, and Y screening are not currently performed at the [Laboratory]. |
| EU4M8N | Item #3 sperm fraction artifact/true alleles: 17 @vWA, 12 @D16S539, 27.2 @SE33, and 14 @D10S1248 |
| EUE2AH | K2 is the lesser contributor in the non-sperm fraction of sample 3 (3A-4PT NS). |
| EUZZUG | Elevated stutter noted. |
| EZ6VL4 | NR denotes no results. This laboratory does not generate an allele table for the evidence sample results. Therefore, this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the de-convolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results. Full profiles were obtained for the epithelial and sperm fraction, however there was an incomplete separation of donors in the epithelial fraction resulting in a mixture. This is a normal observation routinely occurring in casework. |
| EZ7RP8 | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| EZ8Y4F | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| F2VW3U | Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. |
| F8KVHR | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| F8MKK4 | NR = No Results. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Full profiles were obtained for the epithelial and sperm fraction, however there was an incomplete separation of donors in the epithelial fraction resulting in a mixture. This is a normal observation routinely occurring in casework. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results. |
| FDZN7K | Missing Persons Unit reports mixtures as INC (inconclusive). NA = Not Applicable. NR/NE = no result/not expected. |
| FF9JK3 | ND: not detected |

TABLE 8

| WebCode | Additional Comments |
|---------|---|
| FFDUPL | Only Analytical DNA was performed on items 1, 2, 3, and 4. Analytical DNA for items 1-4: robotic extraction and purification using Prepfilier Kit; robotic and manual quantification with Quantifiler Human, robotic and manual amplification with Investigator 24plex Amplification Kit, and Capillary Electrophoresis with 3500 and 3500xl. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. Alleles were entered with stutter filters on since probabilistic genotyping was not completed for this test. |
| FJQML7 | The non-sperm fraction of item #3 is a mixture. This could be due to incomplete separation during the differential extraction procedure or from a non-sperm source of DNA. |
| FL2C6H | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| FNWFJH | DY391 is reported as INC for the PowerPlex® Fusion System as per our laboratory policy. Any labeled peaks seen in the samples that are likely due to PCR/STR artifact were not reported. Comparison results reported as inconclusive indicate a STRmix likelihood ratio result in the uninformative range. |
| FU4HE7 | The mtDNA test for Item 3 was not performed due to the presence of a DNA mixture. |
| FZ3MRA | This proficiency test was administered for Y-STR testing and analysis only. Applicable samples were processed for Y-STRs. Item 1, known blood from female victim, was not examined or processed as part of this proficiency test. |
| FZM2KT | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| G6QLLV | NR=No result. GlobalFiler Express and GlobalFiler profiles for #1 and #2 were concordant. |
| GBDXG7 | This test was performed by a DNA technician, who is authorized to perform forensic biology testing, extraction (EZ1/QIAcube) and quant (Plexor HY). No DNA interpretations will be made. Data was amplified by a qualified DNA analyst to check for accuracy. STRmix was used by the authorized DNA analyst for the purpose of obtaining a genotype table for data entry. Item 3 (shirt) in this test was extracted by a differential extraction method where there is potential for incomplete separation in one or both fractions which could result in a mixture profile. Allele calls from both donors may be present in either profile due to incomplete separation. |
| GD6D8M | [Name] performed biology screening. [Name] performed DNA lab work and interpretation. [Name] performed tech review of the CTS data entry for biology and [Name] performed tech review of the CTS data entry for DNA. Item 3: The Infrared (IR) Light was used as an investigative aid and indicated stain(s) of potential evidentiary value. Presumptive testing for hemoglobin with Luminol and Phenolphthalein indicated the possible presence of blood. This test alone does not confirm the presence of blood. Item 4: Confirmatory testing for hemoglobin with HemDirect disclosed the presence of blood of probable human origin. The HemDirect test is not considered a confirmatory test for species (it is considered confirmatory for blood), due to the fact that some upper primates and under some conditions, ferrets, have been reported giving positive results with the HemDirect card. The amylase diffusion test is a presumptive test for the presence of amylase (an enzyme found in body fluids, including saliva). |
| GDJ9P4 | Reporting STRmix results with stutter filters on. Carryover in 3e. |
| GEHF3B | This CTS is for serology testing only. |
| GF7ZPC | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| GJ82PA | NR = No results |

TABLE 8

| WebCode | Additional Comments |
|---------|--|
| GK2CH9 | The answers in this CTS report were generated using the technician workflow. The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| GLCQU4 | NR=No Result |
| GN47HY | NR = No Results. Male screen test performed by qualified forensic biologist. Male screen interpreted by reported analyst. |
| GVMTF6 | N/R - No Results |
| GVWWWA | Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. In regard to PowerPlex Fusion results, DYS391 is reported as "INC" as per [Laboratory] interpretation policy. |
| H86VLG | NR/NE = No Results/Not Expected. INC = Inconclusive. NA= Not Applicable. The Missing Persons Unit reports mixtures as inconclusive; therefore, no interpretation was performed on Fusion or MiniFiler results from Item 3 and no Fusion or MiniFiler data comparisons were made between Item 3 and Items 1 and 2. |
| HBE87Y | Items 3 and 4 were not processed for STR or Y-STR analysis. Items 1 and 2 were processed for STR/Y-STR database purposes only. Items 1 through 4 were processed for mtDNA analysis. A mtDNA mixture profile was obtained from item 3 and the data is not reported because [Laboratory] does not have a validated protocol for deconvolution of a mixed mtDNA profile. Since item 3 is not reported, no comparisons can be made between items 1 and 3 and items 2 and 3. A serological evaluation was not performed on items 3 and 4 as it is not necessary to determine the method of processing for mtDNA analysis. |
| HCECDB | In the Y-23 profile of #3F1, a drop out was observed at DYS643. |
| HCKN8L | The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported. Item 2 - The data associated with the D16 locus in Item 2 was reported, despite the locus being omitted from the STRmix LR from previous calculations and/or decon for Item 3-EF and Item 3-SF. This locus was omitted due to possible unconfirmed primer binding site mutation. Item 3-EF - In addition, the D16 locus was omitted for the LR from previous and subsequent decon with assumption runs using STRmix, due to the above noted Item 2, D16 locus unconfirmed possible primer binding site mutation. Item 3-SF - In addition, the D16 locus was omitted for the LR from previous calculation using STRmix, due to the above noted Item 2, D16 locus unconfirmed possible primer binding site mutation. |
| HDLREW | NR = No Result. A qualified Forensic Biologist performed all screening tests listed in Part 1 [Table 1: Serology Screening Results]. |
| HEM4CX | NR = No results. *No STRmix performed on Item 3 sp. |
| HH6K3B | Reporting STRmix results with stutter filters on. sperm carryover in the epi fraction. |
| HH8G4U | results reported with stutter filters on |
| HHLF9X | NR= No Results at this locus. |
| HHX9T4 | serology not performed, mito not performed, Y-STR not performed |
| HJF4QU | Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures. |
| HJQ3CC | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in the epithelial cell fraction, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| HM6V76 | Y-STR testing was not performed. |
| HNJUEK | The analyst is only competent in blood testing and is not competent in DNA testing. Therefore, no DNA testing (including analysis and comparisons) was performed. |

TABLE 8

| WebCode | Additional Comments |
|---------|---|
| HNV4AK | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| HQ6AM3 | Serology, YSTR and Mito were not performed. |
| HRH7C6 | Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component. |
| HTM9UN | For items interpreted with STRmix, the Globalfiler STR results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis. |
| HW4BJN | * = locus contains allele(s) below threshold. { } = peak height ratio lower than expected. |
| J2ZJWG | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| J3LNTR | Reporting results with stutter filters on. |
| JB4PJ3 | sperm carryover found in epithelial fraction. reporting STRmix results with stutter filters on. |
| JCHQLA | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| JDT8J4 | Item 4 in this test was extracted by a differential extraction method. A full profile was obtained for the epithelial cell fraction; however, a partial profile was obtained for the sperm cell fraction. The majority of the called alleles in the sperm cell fraction profile are within the stochastic region; therefore, drop-out is occurring. However, despite an attempt to reamplify the sample at the highest target, a complete profile was not obtained. The case as a whole was reviewed to evaluate the partial profile for the sperm cell fraction of Item 4. Because there was not a screening portion done during the Biology portion with presumptive/confirmatory tests, Item 3 and Item 4 were forwarded for a differential extraction based on case scenario. No spermatozoa were observed during this extraction for Item 4. The quantification data was reviewed and there was an undetermined male quantification value, as well as a low human quantification value (0.0002 ng/uL) for the sperm cell fraction. The full profile in the epithelial cell fraction was single source with no indication of a male contributor. The partial profile in the sperm cell fraction was a single source with no indication of a male contributor. Because of these factors, Item 4 was not re-extracted and a partial profile was reported out for the sperm cell fraction. |
| JEQD9A | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in the epithelial cell fraction, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| JNBA32 | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| JQ2B74 | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |

TABLE 8

| WebCode | Additional Comments |
|---------|--|
| JQPHLM | The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed. |
| JRCPHY | NR = No results |
| JUUF3 | A team approach was used. |
| JVG2BY | NR denotes no results. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results. Full profiles were obtained for the epithelial and sperm fraction, however there was an incomplete separation of donors in the epithelial fraction resulting in a mixture. This is a normal observation routinely occurring in casework. |
| JW8ZRH | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotyping weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. |
| JXFTBD | Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. As per laboratory protocol, DYS391 will be deemed inconclusive (INC). |
| JXHDD3 | Serology, mito, and YSTR testing was not performed. |
| K6EMXH | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. Only the analytical analysis was completed by [Name]. |
| K6WRFG | Item 3 (shirt) in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| K9KY4K | The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported. |
| KHMHCV | Item 3: ALS negative but semen positive. Only Serology testing was performed. |
| KHJNE | Per lab policy, DYS391 is reported as INC using the PowerPlex Fusion amplification kit. Any labeled peaks seen in samples that are likely due to PCR/STR artifacts are not reported. |
| KVREX | Items 1 through 4 were only processed for mtDNA analysis. A serological evaluation was not performed on Items 3 and 4 as it is not necessary to determine the method of processing for mtDNA analysis. A mixed mtDNA profile was obtained from Item 3 and the data is not reported because we do not have a validated protocol for the deconvolution of a mixed mtDNA profile. No interpretation can be made between Items 1 & 3 and Items 2 & 3. |

TABLE 8

| WebCode | Additional Comments |
|---------|--|
| KZC2FL | The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed. |
| L27K3T | The results of the analysis show item 3 found DNA from at least two individuals that were compatible with Suspect (Item 2) and another. Item 4 found DNA profile compatible with the Victim (Item 1). |
| L8VEFY | Reporting STRmix results with stutter filters on. Sperm carry over present in epithelial cell fraction on Item 3. |
| LA37P7 | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| LAJ8F3 | For items interpreted with STRmix, the Globalfiler STR results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis. NR = No Results. |
| LBK3Z | The non-sperm fraction of item 3 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male donor from the sperm fraction. |
| LCBXPT | Challenges were encountered in the analysis of Item #3. Serologically, the results obtained from this stain were inconsistent with results typically seen when analyzing a neat blood stain. In regard to DNA analysis, a differential extraction was performed on a cutting collected from the center of the stain. The epithelial fraction quantification value was 9pg/ul --significantly lower than expected. The epithelial fraction DNA profile was low level with (possible) partial allelic drop-out occurring at loci D18S51 and D7S820. Additionally, this experience appears to be shared by a majority of the lab. Troubleshooting efforts indicated that all instruments and kits used functioned as expected and were not the cause. |
| LCV3BJ | The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed. |
| LDR92K | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| LE3CDN | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| LK2E6W | reporting with stutter filters on |

TABLE 8

| WebCode | Additional Comments |
|---------|--|
| LK6LHV | This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results. Full profiles were obtained for the epithelial and sperm fraction, however there was an incomplete separation of donors in the epithelial fraction resulting in a mixture. This is a normal observation routinely occurring in casework. NR= No Results |
| LLBXXL | * = locus contains allele(s) below stochastic threshold (500rfu). []= minor component. { }= imbalanced alleles. |
| LNKH6F | Male screening prep was performed by analyst [Name]. Male screening process was performed by analyst [Name]. Male screening interpretation was performed on items 3 and 4 utilizing the Plexor HY Quantification Kit. |
| LP4CVG | The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported. |
| LUF3GC | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| M2PXQB | This test was performed by a DNA technician, who is authorized to perform forensic biology testing, extraction (EZ1/QIAcube) and quant (Plexor HY). No DNA interpretations will be made. Data was amplified by a qualified DNA analyst to check for accuracy. STRmix was used by the authorized DNA analyst for the purpose of obtaining a genotype table for data entry. Item 3 (shirt) in this test was extracted by a differential extraction method where there is potential for incomplete separation in one or both fractions which could result in a mixture profile. Allele calls from both donors may be present in either profile due to incomplete separation. |
| M6NALB | This test was performed by a DNA technician, who is authorized to perform forensic biology testing, extraction (EZ1/QIAcube) and quant (Plexor HY). No DNA interpretations will be made. Data was amplified by a qualified DNA analyst to check for accuracy. STRmix was used by the authorized DNA analyst for the purpose of obtaining a genotype table for data entry. Item 3 (shirt) in this test was extracted by a differential extraction method where there is potential for incomplete separation in one or both fractions which could result in a mixture profile. Allele calls from both donors may be present in either profile due to incomplete separation. |
| M79KMA | NR = No Result |
| M88K9T | reporting with stutter filters on |
| M9BYWF | Only Items 1 and 2 were processed for Database purposes. No interpretation was done. |
| MAHRM3 | A team approach was used. |
| MDYTKZ | This test was performed by a DNA technician, who is authorized to perform forensic biology testing, extraction (EZ1/QIAcube) and quant (Plexor HY). No DNA interpretations will be made. Data was amplified by a qualified DNA analyst to check for accuracy. STRmix was used by the authorized DNA analyst for the purpose of obtaining a genotype table for data entry. Item 3 (shirt) in this test was extracted by a differential extraction method where there is potential for incomplete separation in one or both fractions which could result in a mixture profile. Allele calls from both donors may be present in either profile due to incomplete separation. |
| MFBM4Z | Differential extractions were not performed. Therefore, complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component. |
| MK7HLY | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |

TABLE 8

| WebCode | Additional Comments |
|---------|---|
| MM48P3 | A team approach was used for male screening processing and interpretation only. |
| MPD4E3 | Y-STR analysis only: EZ1 extraction - items 2 (male suspect), 3 and 4. Amplification for Y-STRs: items 2 and 3. Item 1 = female victim. Item 4 = no male quant value. |
| MRME7Z | Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component. |
| MU9ZW3 | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| MWRM6B | Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. DYS391 is reported as INC for the PowerPlex® Fusion System as per laboratory policy. Item 3 Suspect's shirt sp was insufficient of DNA for the amplification. Comparison results reported as inconclusive indicate a STRmix likelihood ratio result in the uninformative range. |
| MYJQ6X | The non-sperm fraction of item 3 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male donor from the sperm fraction. |
| MZANPW | reporting with stutter filters on |
| N24HTQ | NR = No Results. Test Participant performed analysis only. All benchwork was performed by qualified examiners. |
| N3X7AZ | Y-screening conducted only. DNA analysis was not conducted. Male DNA was indicated on Items 3 and 4. |
| N6MR8C | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in the epithelial cell fraction, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| N79W6N | Reporting results with stutter filters on. |
| N8QQXB | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in the epithelial cell fraction, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| NBMFF4 | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| NCY6TN | 10 allele at TPOX considered drop in by STRMix. For sample Item 3e only the major alleles were reported. |
| NHCTLX | Currently only released for Y screening casework assays (NaOH extraction & qPCR Trio). Results are only reported for Y screening per work authorization. Did not participate in any downstream STR testing or comparisons so all STR testing results are N/A. Tested Y screen samples following current laboratory policy for Y screening. |
| NMGLJA | As per [Laboratory] interpretation policies the DYS391 locus in the Fusion kit will be reported as INC. Any labeled peaks seen in samples FBPT22-00176_3_1.4_shirt1_F2 and FBPT22-00176_4_1.4_bedsht_BL that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. |
| NMKBN8 | DYS391 locus was reported as INC for Fusion profiles for all samples as per Laboratory policy. Any labeled peaks that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions and comparisons. Y STR testing was not performed on item 3 because Y STR testing is currently offline for evidence samples. |

TABLE 8

| WebCode | Additional Comments |
|---------|---|
| NWJ7JG | For items interpreted with STRmix, the Globalfiler STR results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis |
| P22C94 | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| P4Y4R2 | Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. DYS391 is reported as INC for the PowerPlex Fusion system as per laboratory policy. Y-STR testing for evidence samples is currently offline due to laboratory policy. Therefore, Y-STR testing was only performed on the male exemplar. |
| P78TYT | NR = no results. |
| P7YHXD | Item 4 - Called allele 10 at SE33 was removed due to be considered an artifact. Item 3 (Sp): -Allele 15 at D3S1358 is below analytical threshold when stutter is removed. Labeled as possible artifact (elevated +4 stutter) or a possible true allele. Therefore, this minor allele is not suitable for comparison as per current laboratory protocol. -Allele 6 at TH01 is below analytical threshold when stutter is removed. Labeled as possible artifact (elevated -4 stutter) or a possible true allele when stutter is removed. Therefore, this minor allele is not suitable for comparison as per current laboratory protocol. -Allele 13 at D1S1656 is below analytical threshold when stutter is removed. Labeled as possible artifact (elevated +4 stutter) or a possible true allele when stutter is removed. Therefore, this minor allele is not suitable for comparison as per current laboratory protocol. Item 3 (e): Data at loci D3S1358, vWA, D16S539, D21S11, D18S51, D2S441, TH01, FGA, D13S317, D7S820, SE33, D1S1656 and D12S391 is not suitable for comparison as per current laboratory protocol due to major and minor component not separated. |
| PA762Q | ^ indicates that the allele falls below the stochastic threshold |
| PFFVDP | For items interpreted with STRmix, the Globalfiler STR results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis. |
| PJXU37 | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| PLK23N | Weak AP+ result of Item 3. No YSTR results for Item 4. |
| PLNV9U | NR= No results. NT- Not tested. **= Possible stutter. |
| PTGKAP | Extraction : 1) Item 1 and Item 2 were extracted using in-situ method. 2) Item 3 were extracted using Chelex differential extraction method. 3) Item 4 was extracted using QIAAsymphony DNA Investigator Kit via QIAAsymphony SP platform. Quantification : Item 3 and 4 were quantified using Quantifiler Trio DNA Quantitation Kit on QuantStudio 5 RT PCR System. Amplifications : 1) Item 1 and Item 2 were amplified using the GlobalFiler Express kit on Proflex PCR System. 2) Item 3 and Item 4 were amplified using the GlobalFiler PCR Amplification Kit on 9700 GeneAmp PCR System. 3) Item 2 and Item 3 were also amplified using AmpFISTR YFiler kit on 9700 GeneAmp PCR System. Electrophoresis : Capillary electrophoresis on all amplified samples (Globalfiler Express, Globalfiler PCR and YFiler) were carried out on Genetic Analyzer 3500xL. Quality Control : Reagent Blank, Positive Control and Negative Control were carried out along with the analysis and all gave the intended results. NM : non-male profile. |
| PUFJW6 | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| PVQAX9 | Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. Comparison results reported as inconclusive indicate a STRmix likelihood ratio result in the uninformative range. DYS391 is reported as INC for the PowerPlex® Fusion system as per laboratory policy. |

TABLE 8

| WebCode | Additional Comments |
|---------|--|
| PYMTJL | No interpretation - only known samples tested. There are no evidentiary items for comparison at this time. [Laboratory] will retain the mitochondrial DNA profiles for [Laboratory Naming System] (Item 1) and [Laboratory Naming System] (Item 2) if at any point evidentiary samples should become available for comparison. Item 1 regions analyzed included HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. The only VR differences are 16526A, 523delA and 524delC. Item 2 regions analyzed included HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. The only VR differences are 16519C and 497T. |
| Q7UHC4 | Item #3 Sperm/Substrate Fraction: Allele 14 at D10S1248 is an A/TA |
| QBXH2N | NR=no results. # indicates subtraction of the corresponding sperm fraction. |
| QDG9WD | The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed. |
| QEQZ49 | NR = no results |
| QFHV4Y | BASED ON THE ANALYSIS OF THE QUESTIONED STAIN (ITEM 3), WE FOUND A MIXTURE WHICH CONTRIBUTORS WERE THE SUSPECT (ITEM 2) AS WELL AS AN UNKNOWN CONTRIBUTOR. |
| QGP49V | STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is acknowledged that some stutter peaks can be recognized as true peaks. Every allele given weight as a possible true allele during the probabilistic genotyping deconvolution that is present in the table in the STRmix output file was reported. this includes any potential stutter peaks that maybe have been give weight during the development of the genotype probability distribution table. This analyst was not proficient in serology at this time. Thus, all evidence proficiency samples were extraction using the questioned (non-differential) protocols. |
| QHGL9Q | NR= no result. # = subtraction of corresponding fraction performed. |
| QHMZT6 | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| QHXGQX | This test was performed by a DNA technician, who is authorized to perform forensic biology testing, extraction (EZ1/QIAcube) and quant (Plexor HY). No DNA interpretations will be made. Data was amplified by a qualified DNA analyst to check for accuracy. STRmix was used by the authorized DNA analyst for the purpose of obtaining a genotype table for data entry. Item 3 (shirt) in this test was extracted by a differential extraction method where there is potential for incomplete separation in one or both fractions which could result in a mixture profile. Allele calls from both donors may be present in either profile due to incomplete separation. |
| QJHKTB | DNA training is currently in progress and has not been completed. Only serology results have been submitted at this time. |
| QKR69T | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| QPMEFQ | The answers in this CTS report were generated using the technician workflow. The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |

TABLE 8

| WebCode | Additional Comments |
|---------|--|
| QWWELG | For items interpreted with STRmix, the Globalfiler STR results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis. |
| QYR887 | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| QZ7RXV | Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component. |
| QZLRJR | NR = No Result |
| R2TUZZ | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| R39J8W | Only serology testing was performed on Item 3 and Item 4. Item 3 was ALS negative and semen (AP, PSA, Micro) positive. |
| R4YPQE | Male Screening: interpretation only. YSTR: amplification, CE, and interpretation only. |
| R7PD2Y | The answers for this CTS were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| RCCGEQ | NR = Not Reported |
| RDLBP3 | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| RFA4P7 | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| RFUYBV | Serology, mito, and Y-STR's were not performed. |
| RJKAX8 | The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed. |
| RN27RW | A team approach was used. |
| RWFKK8 | Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. DYS391 is reported as INC for the PowerPlex® Fusion System as per laboratory policy. Comparison results reported as inconclusive indicate a STRmix likelihood ratio result in the uninformative range. |
| RWZZAA | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| RXL67L | Reporting with stutter filters on. |

TABLE 8

| WebCode | Additional Comments |
|---------|--|
| TBFB4V | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| TBWUZA | The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported. Possible primer binding site issue at D16 but no confirmation done due to tested for one autosomal str kit. (item 2) The profiles were imported using genemapper and in doing so all of the alleles from ppy23 were also added to the additional dna tab. |
| TCJER7 | Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. DYS391 is reported as INC for the PowerPlex Fusion System as per laboratory policy. |
| THPAAL | A differential extraction was performed on Item 3. Item 3 was determined to be a mixture at quantitation. mtDNA analysis is not performed on mixtures. Therefore, no mtDNA analysis of Item 3 was performed. A whole genome profile was obtained for Items 1, 2, and 4, but only HV1 and HV2 was reported on the CTS mtDNA report tab as requested by CTS. See below for full genome results. full range (1-16569) obtained for Items 1, 2, and 4 Item 1 Item 2 Item 4 73G 73G 73G 146C 152C 146C 153G 263G 153G 235G 309.1C 235G 263G 315.1C 263G 309c 497T 309c 315.1C 750G 315.1C 523del 1189C 523del 524del 1438G 524del 663G 1811G 663G 750G 2706G 750G 1736G 3480G 1736G 2706G 4769G 2706G 4248C 6260A 4248C 4769G 7028T 4769G 4824G 8860G 4824G 6707C 9055A 6707C 6935T 9698C 6935T 7028T 10398G 7028T 7673G 10550G 7673G 8027A 11299C 8027A 8794T 11467G 8794T 8860G 11485C 8860G 11719A 11719A 11719A 12007A 11840T 12007A 12705T 12308G 12705T 14766T 12372A 14766T 15326G 13740C 15326G 16111T 14167T 16111T 16223T 14766T 16223T 16286T 14798C 16286T 16290T 15326G 16290T 16319A 16224C 16319A 16362C 16519C 16362C 16526A 16526A. [Participant created a manually formatted table within the free form text space. This special formatting was not transferable into the final report. Data is presented as is.] |
| THY9YA | [Name] performed the screening portion of the exam. [Name] performed the DNA analysis portion of the exam. Biology was reviewed by [Name]. DNA was reviewed by [Name]. |
| TJ7AJ3 | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| TMN6Q2 | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| TMZTJU | INC = inconclusive; missing persons unit reports mixtures as inconclusive. NR/NE = no results/not reported. NA = not tested. |
| TR8P23 | Item 3, Sperm/Substrate fraction - Allele 15 at D3S1358, allele 17 at vWA, allele 10 at CSF1PO, allele 12 at D7S820, allele 27.2 at SE33, and allele 13 at D1S1656 are below laboratory analytical threshold after stutter subtracted and are not suitable for comparisons. These were not included on the allele chart. |
| TTREQ3 | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| TWEXV7 | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |

TABLE 8

| WebCode | Additional Comments |
|---------|---|
| TYDXN6 | Per [Laboratory] guidelines, mtDNA analysis was not performed on item 3 due to mixture in STR data. The Missing Persons Unit does not interpret mixtures. Mixtures are reported as inconclusive, therefore no comparison could be made between items 1 & 3. INC=Inconclusive. NR/NE=No Results/Not Expected. NA=Not Applicable/Not Amplified. |
| U6FRDC | For items interpreted with STRmix, the Globalfiler STR results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis. |
| U7VL6T | A team approach was used. |
| UBN9TR | Reporting STRmix results with stutter filters on. Sperm carryover to epithelial fraction. |
| UCGF2Q | Fusion and minifiler were performed on Item 1 and Item 3. Results were concordant at all overlapping loci. Fusion and Y filer were performed on Item 2 and Item 3. The results of locus DYS391 were concordant between kits for each respective sample. Results were concordant for Item 2 and Item 3 Yfiler and LCN data. NR= no results obtained. |
| UD2Q3P | NR= No Results |
| UH9EHC | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| ULTRBT | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| UNZHMQ | Serology, Mito, and Y-STR analysis was not performed on this test. [Laboratory Specific Method] is a RT-PCR Quantification procedure. |
| URF2L7 | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| UXUYN6 | The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed. |
| UYRJX8 | Item 3 contained a mixture for both the SF and CF in mtDNA and was not reported as a result. Per laboratory protocol, mixed mtDNA profiles are inconclusive for comparison purposes. HV1 range reported - 16024 to 16365, HV2 range reported 73-340. NR = no results. |
| V2UW2Q | Within the data table for Item 4, NR = no results. A team approach was used. |
| V3P8PJ | Extraction: Item 1 and Item 2 were extracted using in-situ method. Item 3 was extracted using chelex (differential) extraction method. Item 4 was extracted using QIA Symphony DNA Investigator KIT via QIA Symphony SP. Quantification: Item 3 and Item 4 were quantified using ABI Quantifiler Trio DNA Quantification Kit on ABI QuantStudio 5 Real-Time PCR System. Amplification: Item 1 and Item 2 were amplified using GlobalFiler Express PCR Amplification Kit on Proflex PCR System. Item 3 and Item 4 were amplified using GlobalFiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Item 2 and Item 3 were amplified using AmpFLSTR Yfiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Electrophoresis: Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 1, Item 2, Item 3 and Item 4. Quality Control: Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. |
| V62HEQ | Serology not performed. Mito not performed. Y-STR not performed. |

TABLE 8

| WebCode | Additional Comments |
|---------|---|
| V6KG82 | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| V6PGE2 | NR= Not reportable |
| V8QH6X | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| V9ZAXU | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| VAUC6N | NR = no results. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the de-convolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results. Full profiles were obtained for the epithelial and sperm fraction, however there was an incomplete separation of donors in the epithelial fraction resulting in a mixture. This is a normal observation routinely occurring in casework. |
| VAXZ7E | Item #3 and #4 both tested positive with the Hemastix tests and the Hematrace tests. |
| VBHPDM | In item 3, the female DNA type was detected, not the victim's DNA type. |
| VCKBL8 | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| VEMYH4 | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| VG7K7E | Material digest performed on Item 3 due to excessive dropout of both contributors on the epithelial fraction of the differential extraction. Material digest results reported as e fraction for both GlobalFiler and Yfiler Plus. Sperm fraction of differential performed as expected, therefore, sperm fraction reported out as s fraction. |
| VG9AAB | * = Alleles below ST. {} = Peak Height Imbalance. |
| VG9VWV | For powerplex fusion results, DYS391 is reported as INC, as per our laboratory policy. Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported. Comparison results reported as inconclusive indicate a STRmix likelihood ratio result in the uninformative range. |
| VH4Y3Q | Based on the scenario and this analyst not completing any screening analysis, items 3 and 4 in this test were extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions for item 3; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. A full profile was obtained for the epithelial cell fraction for item 4 and a partial profile was obtained for the sperm cell fraction for item 4. Both fractions are a single source profile and are consistent with being from the same individual. For the sperm cell fraction, the majority of the called alleles in the profile are within the stochastic region; therefore, drop-out is occurring. However, despite multiple attempts, a complete profile was not obtained. Due to no male quantitation value for the sperm cell fraction and both fractions being single source with no indication of a male contributor present, I decided that the item did not need to be re-extracted. |

TABLE 8

| WebCode | Additional Comments |
|---------|--|
| VJKULH | Y-STR and mitochondrial DNA analysis not performed in this laboratory. DNA analysis performed with stutter filters on. |
| VP6GDV | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| W6CWW3 | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| W6VC7J | NR = No Result |
| W8PZQZ | AP testing performed for extraction method determination only. |
| W94F98 | The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed. |
| WALBE2 | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| WAU2TU | No additional comments regarding the interpretation of the results other than the natural allele dropouts in preferential lysis. |
| WC9FUL | Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures. |
| WK8TBZ | Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples. |
| WMNXEH | Reporting results with stutter filters on. |
| WN9FTP | The non-sperm fraction of item 3 is a mixture. This could be due to either incomplete separation during the differential extraction or a non-sperm source of DNA from semen donor. |
| WXG9JQ | Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component. |
| WXVBVL | reporting with stutter filters on |
| WXX4QD | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| X2LWTL | NR/NE means no results/not expected. NA means not applicable. INC means inconclusive. Missing Persons reports mixtures as inconclusive. |

TABLE 8

| WebCode | Additional Comments |
|---------|---|
| X3NVBF | Item 3 - One cutting was taken from the center of the stain. The epithelial fraction had a low concentration (6.62 E-03 ng/ul) of DNA, typically not observed from blood. This resulted in a low-level profile with complete dropout at D18S51 and possible dropout (determined by lab policy) at vWA and D2S1338. Troubleshooting did not indicate that lab procedures and/or instruments used in the process could be responsible for these results. In addition, several other cases of the same type were run concurrently without issue. |
| X4YKUR | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in the epithelial fraction, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| X7HTPK | Reporting with stutter filters on. |
| X7XALY | DYS391 is reported as INC for all samples tested per lab policy. For all samples tested, any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons. |
| X8VKH2 | DYS391 is reported as INC for Power Plex Fusion results as per lab policy. Any labeled peaks seen that are likely due to PCR/STR artifacts were not reported and will not be used for comparison or conclusions. |
| X93CGP | It should be noted that Amel and the male markers are not included in the STRmix interpretation for single source samples or mixtures. Additionally, for mixtures, SE33 and D1S1656 are not included in the STRmix interpretation but are included in the CTS report. This may incorporate stutter peaks that would have been filtered during conventional analysis. |
| XAA634 | Forensic biologist performed the screening tests and male screen benchwork. DNA analyst performed the analysis of the male screen test and KM testing. NR=NO Results. AP test for item #4 was inconclusive due to an indeterminate result and/or substrate interference. |
| XAFCQJ | Reporting with stutter filters on |
| XC6DGL | NR = No results. PowerPlex Fusion and MiniFiler were performed on Item 4. Results are concordant at all overlapping loci. |
| XCRE24 | The victim has no interpretations for either item because the victim known was not processed for DNA. This test was used for YSTR testing only and the victim is listed as female. There is no interpretation for the suspect with Item 4 because no male DNA was detected in Item 4, so it was not amplified or interpreted. This test was used for YSTR testing only. |
| XDUAJE | Item 3NS mixture proportions - 82:18 |
| XG3R9H | Item 3 "e" fraction: Identifiler Plus results had additional (minor) alleles attributed to SF spillover and therefore were not reported. Item 4 "sp" fraction: Identifiler Plus results had alleles attributed to EF spillover and therefore were not reported. |
| XG6MDH | Item 3: ALS(-) but semen (+). Item 4: PSA(-). Only serology performed. |
| XM9V8A | For items interpreted with STRmix, the Globalfiler STR results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis. |
| XPPTKL | NR: No Results. The PowerPlex Fusion and Yfiler data are concordant at DYS391 for items 2, 3, and 4. The LCN Yfiler and Yfiler data are concordant at overlapping loci for item 3. The Minifiler and PowerPlex Fusion data are concordant at overlapping loci for item 4. |
| XQT7RE | This lab doesn't perform Y-STR testing, mtDNA testing and reports samples with stutter filters on. |
| XUD3BX | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |

TABLE 8

| WebCode | Additional Comments |
|---------|--|
| XWFGMP | Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. This analyst was not proficient in serology at this time. Thus, all evidence proficiency samples were extracted with the non-differential method. |
| XZ2H6B | Removed stutter from profiles. |
| XZ3JYA | The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed. |
| Y2J9AM | It should be noted that Amel and the male markers are not included in the STRmix interpretation for single source [samples] or mixtures. Additionally, for mixtures, SE33 and D1S1656 are not included in the STRmix interpretation but are included in the CTS report. For items interpreted with STRmix, the Globalfiler STR results include all possible alleles for all interpreted genotypes. This incorporates stutter peaks that would have been filtered during conventional analysis. |
| Y33JNG | Only serology performed. Item 3: ALS negative, Semen positive. |
| Y8A9P9 | Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. |
| YAJ6DX | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the epithelial profile due to the incomplete separation. |
| YCDA6Q | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| YLF2J7 | Only performed autosomal interpretation, analytical labwork performed by another analyst. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. |
| YLX9HP | ALS was negative for semen screening for Item 3, even though the overall result was positive. Mito testing was not performed. |
| YPXGNL | Serology not performed. Y-STR not performed. mtDNA not performed. |
| YVWECP | A team approach was used. |
| YZRX38 | For items interpreted with STRmix, the Globalfiler STR results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis. |
| Z2273J | NR=No result |
| Z4CEMH | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |

TABLE 8

| WebCode | Additional Comments |
|---------|---|
| Z644PM | Serology not performed, mito not performed, Y-STR not performed |
| Z98PJW | Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. |
| ZD9RYC | Serology Only |
| ZG7NEX | The [Laboratory] does not test any additional loci and does not perform YSTR or mtDNA testing. |
| ZGXKEN | Item 3: ALS negative but semen positive. Only serology performed. |
| ZP273F | NR = no results. NT = not tested. |
| ZRWMWM | The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s). |
| ZWLABH | NR = no results |
| ZX237Q | Item 3 was extracted by a differential extraction method. Full profiles were obtained for the epithelial and sperm cell fractions; however, there was incomplete separation in the epithelial fraction, resulting in a mixture profile. All allele calls from the female donor were observed in the profile; however, most of the alleles from the male donor were also observed due to the incomplete separation. This is a normal observation routinely seen in casework. |
| ZXMM2J | Serology, YSTR, and Mito testing were not performed. Items 3 and 4 not processed. |

-End of Report-
(Appendix may follow)

Collaborative Testing Services ~ Forensic Testing Program

Test No. 22-5705: Forensic Biology

DATA MUST BE SUBMITTED BY **Nov. 7, 2022, 11:59 p.m.** TO BE INCLUDED IN THE REPORT

Participant Code: U1234A

WebCode: ZPX7YL

The Accreditation Release section can be accessed by using the "Continue to Final Submission" button above. This information can be entered at any time prior to submitting to CTS.

Scenario:

Police are investigating a sexual assault involving a female victim and male suspect. The victim and suspect are co-workers who are currently sharing housing accommodations provided by their employer. Each was assigned their own bedroom. Last night, the victim awoke to find the suspect undressing in her bedroom. The suspect entered the victim's bed, severely bit her thigh, removed her underpants and forced vaginal sex. The victim yelled for him to stop and used her bedside lamp to hit him in the face, causing him to bleed. After the assault, the suspect quickly cleaned himself off with his t-shirt and left the home. The victim called the police who were able to apprehend the suspect at a nearby bar. Investigators are submitting a stain from a shirt found inside the suspect's car which matched the victim's description of the shirt he used to clean himself with (Item 3) and a stain from the victim's bedsheet (Item 4). Also collected were known blood samples from the female victim (Item 1) and the male suspect (Item 2).

Items Submitted (Sample Pack B5):

Item 1: Known blood from the female victim

Item 2: Known blood from the male suspect

Item 3: Questioned stain from suspect's shirt (blue)

Item 4: Questioned stain from victim's bedsheet (yellow)

Part I: SCREENING TESTS

Note: Laboratories submitting their results for ASCLD/LAB or NATA accreditation MUST identify any screening tests performed and report the test results.

Indicate the results of any screening tests performed on the questioned stains (Items 3 & 4).

Please use the abbreviations listed in this response key to fill in the Screening Test tables on this tab. This is not an all inclusive list of tests, and should not be used to determine what tests should be performed.

TESTS NOT ON THIS LIST MAY BE USED FOR SCREENING.

| Test | Abbreviation | Test | Abbreviation |
|---------------------------------------|--------------|---------------------------|--------------|
| Acid Phosphatase | AP | Alternate Light Source | ALS |
| Kastle Meyer | KM | Leucomalachite Green | LMG |
| Microscopic | Micro | Ortho-tolidine | O-tol |
| Phenolphthalein-Tetramethyl benzidine | PTMB | Prostate Specific Antigen | PSA |
| Rapid Stain Identification | RSID | Tetramethyl benzidine | TMB |

| Example: | <u>Positive</u> | <u>Negative</u> | <u>Inconclusive</u> | <u>Not Tested</u> | <u>Test(s) Performed</u> |
|----------------------------|----------------------------------|----------------------------------|-----------------------|----------------------------------|--------------------------|
| Blood | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | KM, O-tol, PTMB |
| Semen | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | PSA |
| Saliva | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | |
| Human Origin | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | |
| Y-Screening (male DNA) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | |
| Other Specified Body Fluid | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |

Please indicate the Test(s) Performed on the corresponding line for each type of screening.

| Item 3: | <u>Positive</u> | <u>Negative</u> | <u>Inconclusive</u> | <u>Not Tested</u> | <u>Test(s) Performed</u> |
|-----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------------|
| Blood | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="text"/> |
| Semen | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="text"/> |
| Saliva | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="text"/> |
| Human Origin | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="text"/> |
| Y-Screening (male DNA) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="text"/> |
| Other: <input type="text"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="text"/> |

| Item 4: | <u>Positive</u> | <u>Negative</u> | <u>Inconclusive</u> | <u>Not Tested</u> | <u>Test(s) Performed</u> |
|-----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------------|
| Blood | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="text"/> |
| Semen | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="text"/> |
| Saliva | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="text"/> |
| Human Origin | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="text"/> |
| Y-Screening (male DNA) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="text"/> |
| Other: <input type="text"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="text"/> |

Part II (continued): DNA Analysis - Mitochondrial DNA

- Report the range of bases sequenced for each Item tested in the appropriate box.
- List the base pair values and the associated deviations from the standard Anderson sequence in the designated boxes below each Item number.
- Click "Add Row" to show another row of boxes for entry.

| HVR I | Item 1 | Item 2 | Item 3 | Item 4 |
|------------------|------------------------|------------------------|------------------------|------------------------|
| Bases Sequenced: | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | Base Pair - Dev | Base Pair - Dev | Base Pair - Dev | Base Pair - Dev |
| Deviations: | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Deviations: | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Deviations: | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Deviations: | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

| HVR II | Item 1 | Item 2 | Item 3 | Item 4 |
|------------------|------------------------|------------------------|------------------------|------------------------|
| Bases Sequenced: | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | Base Pair - Dev | Base Pair - Dev | Base Pair - Dev | Base Pair - Dev |
| Deviations: | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Deviations: | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Deviations: | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Deviations: | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

Part III: DNA INTERPRETATION

Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?

| <u>Victim (Item 1).</u> | | | <u>Suspect (Item 2).</u> | | |
|-------------------------|-----------------------|-----------------------|--------------------------|-----------------------|-----------------------|
| | Item 3 | Item 4 | | Item 3 | Item 4 |
| Yes | <input type="radio"/> | <input type="radio"/> | Yes | <input type="radio"/> | <input type="radio"/> |
| No | <input type="radio"/> | <input type="radio"/> | No | <input type="radio"/> | <input type="radio"/> |
| Inconclusive | <input type="radio"/> | <input type="radio"/> | Inconclusive | <input type="radio"/> | <input type="radio"/> |
| No Interpretation | <input type="radio"/> | <input type="radio"/> | No Interpretation | <input type="radio"/> | <input type="radio"/> |

DNA interpretations not reported; samples analyzed for database purposes only:

Part IV: ADDITIONAL COMMENTS

- Use this section to report comments regarding any part of this test.
- Written conclusions (including statistical information) for DNA analysis are not required.
- Any interpretations based on the results obtained should be indicated in the section above.
- Note: Laboratories submitting their results for accreditation are asked to report any additional information that will assist in the review of their results. This includes an explanation of any deviations from a full completion of the test and/or unique findings such as elevated stutter.

Please note: Any additional formatting applied in the free form space below will not transfer to the Summary Report and may cause your information to be illegible. This includes additional spacing and returns that present your responses in lists and tabular formats.

RELEASE OF DATA TO ACCREDITATION BODIES

The Accreditation Release is accessed by pressing the "Continue to Final Submission" button online and can be completed at any time prior to submission to CTS.

CTS submits external proficiency test data directly to ASCLD/LAB, ANAB, and/or A2LA. Please select one of the following statements to ensure your data is handled appropriately.

- This participant's data is intended for submission to ASCLD/LAB, ANAB, and/or A2LA. (Accreditation Release section below must be completed.)
- This participant's data is **not** intended for submission to ASCLD/LAB, ANAB, and/or A2LA.

Have the laboratory's designated individual complete the following steps only if your laboratory is accredited in this testing/calibration discipline by one or more of the following Accreditation Bodies.

Step 1: Provide the applicable Accreditation Certificate Number(s) for your laboratory.

ANAB Certificate No.
(Include ASCLD/LAB Certificate here)

A2LA Certificate No.

Step 2: Complete the Laboratory Identifying Information in its entirety.

Authorized Contact Person and Title

Laboratory Name

Location (City/State)