



DNA-Blood Test No. 19-5805

Summary Report

Each participant received a sample pack consisting of two known bloodstains and two questioned bloodstains which they were requested to analyze using their existing protocols. Data were returned from 199 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; one on clean, brown material (Item 3) and one on clean, off-white material (Item 4). Participants were requested to analyze these items using their existing protocols.

SAMPLE PREPARATION: The stains in Items 1, 2, 3 and 4 were prepared using human whole blood which was either drawn into citric acid preservative bags or EDTA tubes. Items 1 (75 μ l) and 4 (50 μ l) were created using blood from the same female donor. Item 2 (75 μ l) was created using blood collected from another female donor, different from the female donor used for Items 1 and 4. Item 3 (50 μ l) was created using blood from a male donor. 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 3, 2019 following receipt of predistribution results.

SAMPLE SET ASSEMBLY: For each sample set, all four Items (1-4) were packed into separate envelopes and then placed together in a pre-labeled sample pack envelope. 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

Results compiled from predistribution laboratories and a consensus of at least 10 participants.

| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
|---|---------|---------|-----------|----------|------------|---------|
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |
| <hr style="border-top: 1px dashed black;"/> | | | | | | |
| 1 | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | * |
| | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | NM | NM | NM | NM | |
| <hr style="border-top: 1px dashed black;"/> | | | | | | |
| 2 | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | * |
| | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | NM | NM | NM | NM | |
| <hr style="border-top: 1px dashed black;"/> | | | | | | |
| 3 | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | * |
| | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | 2 | |
| <hr style="border-top: 1px dashed black;"/> | | | | | | |
| 4 | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | * |
| | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | NM | NM | NM | NM | |

YSTR Results

Results compiled from predistribution laboratories and a consensus of at least 10 participants.

| 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 | Y GATA H4 |
| | | | | | | | | | |
| <hr style="border-top: 1px dashed black;"/> | | | | | | | | | |
| 3 | 35,36 | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| | 14 | 12 | 12 | 18 | 29 | 16 | 18 | 10 | 22 |
| | 38 | 12 | 14 | 19 | 17 | 23 | 25 | 10 | 11 |

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

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

Summary Comments

The DNA-Blood test is part of the DNA Sample Specific Series, where participants are advised of the body fluid(s) that made up the questioned stains. The test is designed to allow participants to assess their proficiency in the analysis of dried stains. Participants were supplied with two "known" bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Items 1 and 4 were created using blood from a female donor. Item 2 was created using blood from a female donor different from the female donor used for Items 1 and 4. Item 3 was created using blood from a male donor. (See Manufacturer's Information for preparation details)

Of the 199 participants that returned results, 168 reported DNA interpretations.

For the Item 3 stain, all but five of the participants that reported interpretations excluded the victim (Item 1) and suspect (Item 2) as possible contributors to Item 3. These five participants reported the contribution of the victim (Item 1) and suspect (Item 2) to Item 3 as inconclusive. These participants also did not report STR results for Item 3, stating in their Additional Comments section that this sample did not produce a profile or yielded alleles below their detection limit(s).

For the Item 4 stain, all participants that reported interpretations included the victim (Item 1) as a possible contributor to Item 4. All participants that reported interpretations excluded the suspect (Item 2) as a possible contributor to Item 4.

A total of four participants reported allelic results that differed from consensus/predistribution results for one or more items. Three of the four reported additional alleles at one or more loci for Item 3 and one participant was missing an allele at D1S1656 for Item 4. Based on the interpretations above, these inconsistencies did not appear to affect these participants' conclusions.

A total of 14 participants reported the use of probabilistic genotyping software. Only two software brands were reported by participants. However, the genotyping software STRmix was reported most frequently by participants.

STR Amplification Kit(s) & Results

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|-------|-----------|-------|-------|-------|
| 2BPMQB | PowerPlex® Fusion 5C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | NR | | | | |
| 2ECU7J | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 2J9DA3 | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | ND | | | | |
| 2M2697 | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 2P7XZJ | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 2VZLV6 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|--------------------------|---------|------------|-----------|-------|------------|
| 2WPWLX | NGM | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | |
| 1 | | | 14,16 | 14,15 | 19,21 | 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X |
| | | 20,21 | | | | 8,9.3 |
| | | 16,19 | | | | |
| 2X4GE9 | PowerPlex® Fusion 6C | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 |
| 1 | | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X 10,10 |
| | | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 9,11 |
| | | 16,19 | | | | |
| 36YPLK | PowerPlex® Fusion 6C | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 |
| 1 | | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X 10,10 |
| | | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 9,11 |
| | | 16,19 | | | | |
| 3BKT4M | Investigator® 24plex | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 |
| 1 | | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X 10,10 |
| | | 20,21 | | | 18,20 | 8,9.3 9,11 |
| | | 16,19 | No Results | | | |
| 3GEAU2 | GlobalFiler™ | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 |
| 1 | | 9,12 | 14,16 | 14,15 | 19,21 | 11 9,11 |
| | | 14,18 | 13,15 | 31.2 | 11,15 | X 10 |
| | | 20,21 | | | 18,20 | 8,9.3 9,11 |
| | | 16,19 | no results | | | no results |
| 3GQKE7 | GlobalFiler™ Express | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 - |
| 1 | | 9,12 | 14,16 | 14,15 | 19,21 | 11 9,11 |
| | | 14,18 | 13,15 | 31.2 | 11,15 | X,X 10 |
| | | 20,21 | - | - | 18,20 | 8,9.3 9,11 |
| | | 16,19 | - | - | - | - |
| 3H9XBB | Investigator® 24plex GO! | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 |
| 1 | | 9,12 | 14,16 | 14,15 | 19,21 | 11 9,11 |
| | | 14,18 | 13,15 | 31.2 | 11,15 | X 10 |
| | | 20,21 | | | 18,20 | 8,9.3 9,11 |
| | | 16,19 | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|------------------------------------|--------------|-----------|-------|--------------|-------|
| 42BNQW | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | No Results | |
| 42RZ8G | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 47PBRG | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 4CVPL | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | No Results | |
| 4MUAMJ | Investigator® 24plex GO! | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 4QCYZN | PowerPlex® Fusion 6C, GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | Not Detected | | | Not Detected | |
| 4Z4QV9 | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | NR | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|-------|-----------|-------|-------|-------|
| 62ARUD | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 64BEBG | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 69VK7C | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 6FEQ66 | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 6RJ7PE | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 7BBTX4 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 7PYG62 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | NR | NR | NR | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|------------------------------|------------|------------|------------|-------|-------|
| 7YZ269 | Investigator® 24plex GO! | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 84PKKR | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | No Results | No Results | | |
| 86FJ2B | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 8JLNF4 | PowerPlex® Fusion 5C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 8NBCL9 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 8YPDYU | PowerPlex®, SURE ID 21G Plus | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | 12,13 |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 8ZQMB6 | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | ND | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|--------------------------|------------|------------|------------|-------|-------|
| 93TPWZ | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 98G7T7 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 9ARURJ | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | No Results | No Results | | |
| 9CDTQZ | GlobalFiler™ Express | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | - |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X,X | 10 |
| | 20,21 | - | - | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | - | - | - | - | |
| 9CK4Z7 | Investigator® 24plex GO! | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 9GDVYA | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | NR | | | NR | |
| 9LKD7P | Investigator® 24plex | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|------------|------------|-------|-------|
| 9ME8V8 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 9VDNH7 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 9XH3EC | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 9ZR8RZ | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| ACC7V8 | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| AGKN2M | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | No Results | No Results | | |
| AJBMH7 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|------------|------------|------------|-------|
| AL6UZ4 | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| AZKMEG | Identifiler® Plus | | | | | |
| | | 20,25 | | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | | | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | | X,X | 10,10 |
| | 20,21 | | | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| B9N6ZJ | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | No Results | |
| BG4M27 | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| BRKBUK | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | No Results | No Results | | |
| BVLZ8R | Identifiler® Plus | | | | | |
| | | 20,25 | | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | | | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | | X,X | 10,10 |
| | 20,21 | | | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| C6MJN8 | Identifiler® Direct | | | | | |
| | | 20,25 | | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | | | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | | X,X | 10,10 |
| | 20,21 | | | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|------------|------------|-------|-------|
| C8AJ2M | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| CA2HH7 | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| CRH2D8 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| CTT3Y7 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| CX32TK | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | No Results | No Results | | |
| D48HL6 | Identifiler® Plus | | | | | |
| | | 20,25 | | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | | | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | | XX | 10 |
| | 20,21 | | | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| DB9RRX | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | NR | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|---------|--------------------------|-------|-----------|-------|-------|-------|
| DDFFKM | Identifiler® Plus | | | | | |
| | | 20,25 | | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | | | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | | X,X | 10,10 |
| | 20,21 | | | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| DLAKEN | Identifiler® Plus | | | | | |
| | | 20,25 | | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | | | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | | X,X | 10,10 |
| | 20,21 | | | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| DM4YU9 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| DUZH9X | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| DXLB CD | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | NR | | | | |
| E4LURU | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| E7EHEV | Investigator® 24plex GO! | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | | |
|--------|------------------------------------|--------------|-------|-----------|--------------|-------|-------|
| EJXX3 | PowerPlex® Fusion 6C | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | | |
| ERRD3T | GlobalFiler™ | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | | |
| EX4NDV | PowerPlex® Fusion | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | | 20,21 | 9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | | | | | | |
| EXFX9U | GlobalFiler™ | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | | |
| EZ2E63 | PowerPlex® Fusion 6C | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | | |
| FCXTUR | PowerPlex® Fusion | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | | 14,18 | 13,15 | 31.2 | 11,15 | X,X | 10 |
| | | 20,21 | 9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | | | | | | |
| FGQWLA | PowerPlex® Fusion 6C, GlobalFiler™ | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | Not detected | | | Not detected | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | | |
|--------|--------------------------|------------|------------|------------|------------|-------|------------|
| FH2L32 | GlobalFiler™ | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | | |
| FJWAGQ | GlobalFiler™ Express | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | | |
| FLWHJF | PowerPlex® Fusion 6C | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | No Results | No Results | | | |
| FXBENJ | PowerPlex® Fusion 5C | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | Not Tested |
| | 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | | 20,21 | 9,9 | 12,17 | Not Tested | 8,9.3 | 9,11 |
| | 16,19 | No Results | Not Tested | Not Tested | Not Tested | | |
| G8WGJ6 | Investigator® 24plex GO! | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | | |
| GDNN2D | PowerPlex® 21 | | | | | | |
| | | 15.3,16 | 20,25 | | 14,15 | 10,12 | 12,13 |
| | 1 | 9,12 | 14,16 | | 19,21 | 11,11 | 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | | X,X | 10,10 |
| | | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | | | | | | |
| GQN4RU | PowerPlex® Fusion 6C | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | | |
|--------|---------------------------------------|--------------|-------|-----------|--------------|-------|-------|
| GWYZUH | PowerPlex® Fusion | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | | | |
| GX98YW | PowerPlex® Fusion 6C | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | | |
| GKYUUX | Identifiler®, Investigator® 24plex QS | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | N/A |
| | 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | | 20,21 | N/A | N/A | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | N/A | N/A | N/A | N/A | | |
| GZ9KCN | GlobalFiler™ | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | | |
| H3482X | PowerPlex® Fusion 6C | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | | |
| H7HTL6 | PowerPlex® Fusion 6C | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | | |
| H8EGR8 | PowerPlex® Fusion 6C, GlobalFiler™ | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | Not detected | | | Not detected | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|-----------|-------|------------|-------|
| HAL6GQ | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| HCK3QC | Investigator® 24plex | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | | |
| HEVT8T | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | -- | | | -- | |
| HHCCZB | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | No Results | |
| HJQM6U | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| HK3BGU | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| HPU4LM | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|------------|------------|-------|-------|
| J3QGXI | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | No Results | No Results | | |
| J9GVHJ | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| JETLJ7 | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | NR | | | | |
| JGUHYZ | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| JJXF2F | GlobalFiler™ Express | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| JLMR2L | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| JM6A2R | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|-----------|-------|------------|-------|
| KABF6N | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| KKBN7F | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| KLLAHG | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | No Results | |
| KMF49Y | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | - | | | - | |
| KNCBN6 | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No results | | | No results | |
| KP76DM | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X,X | 10 |
| | 20,21 | 9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| KUDKUX | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|--------------------------|------------|-----------|-------|------------|-------|
| L6R4PE | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | No Results | |
| L77Q22 | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| LQF7JY | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| LT79PM | Investigator® 24plex GO! | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| LVL2KG | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| M8D698 | PowerPlex® Fusion 5C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | | |
| MAK2QV | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|-----------|-------|-------|-------|
| MBYB3G | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| MJUXNU | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| MTUPYF | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| MY89E3 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| N4DG66 | Investigator® 24plex | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | | |
| N7Z4RQ | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| N8BFEE | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | NR | NR | NR | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|------------|------------|-------|-------|
| NLCH9N | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| NPTXAF | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | No Results | No Results | | |
| NRJZF4 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| P3C3W3 | PowerPlex® Fusion 5C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | | |
| P3Y69L | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| PEBXTR | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| PPWWCP | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|--------------------------|------------|------------|------------|-------|-------|
| PQ4ZVE | PowerPlex® Fusion 5C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | | |
| PUGX42 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | No Results | No Results | | |
| Q42RUN | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| Q7FERN | Investigator® 24plex GO! | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| QELXTD | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| QN8YAM | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| QTMVBX | Investigator® 24plex GO! | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|------------|------------|-------|-------|
| QUJBL9 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| QW2PPA | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| QYVCKL | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | nd | | | | |
| R2ARD6 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | No Results | No Results | | |
| RCBWGK | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| RD8A3R | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | -- | | | -- | |
| RFYMWQ | Identifiler® Plus | | | | | |
| | | 20,25 | | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | | | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | | X | 10 |
| | 20,21 | | | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|------------------------------------|--------------|-----------|-------|--------------|-------|
| RNPDB7 | PowerPlex® Fusion 5C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | | |
| RW48FZ | PowerPlex® Fusion 6C, GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | Not Detected | | | Not Detected | |
| RXCB2B | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | No Results | |
| T3793R | Investigator® 24plex GO! | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| T3ZDK2 | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | No Results | |
| T6RDTX | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | NR | | | | |
| TTJACM | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|---------------------------------------|-------|-----------|-------|-------|-------|
| TXTVDL | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| TY6H4M | Identifiler®, Investigator® 24plex QS | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | N/A |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | N/A | N/A | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | N/A | N/A | N/A | N/A | |
| TZY6HC | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| UCPACU | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| URFLBH | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| V3T2XG | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | NR | NR | NR | | |
| VBM9FM | GlobalFiler™ Express | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | - |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | XX | 10 |
| | 20,21 | - | - | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | - | - | - | - | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-------------------------------|------------|------------|------------|-------|-------|
| VC3HFE | PowerPlex® Fusion 5C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| VE4FV9 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | No Results | No Results | | |
| VFN8YR | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| VJ6EEE | GlobalFiler™ Express | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | - |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | XX | 10 |
| | 20,21 | - | - | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | - | - | - | - | |
| W4LDT9 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| W6JF8C | PowerPlex® ESX 17 Fast System | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | | |
| 1 | | 14,16 | 14,15 | 19,21 | | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | |
| | 20,21 | | | 18,20 | 8,9.3 | |
| | 16,19 | | | | | |
| W6XTM9 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|--------------------------|------------|------------|------------|-------|-------|
| W6ZF6M | Identifiler® Direct | | | | | |
| | | 20,25 | | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | | | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | | X,X | 10 |
| | 20,21 | | | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| W9ZZUR | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | NR | | | | |
| WABCGG | Investigator® 24plex GO! | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| WBQH2C | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| WKUT83 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| WMD6A8 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | No Results | No Results | | |
| WP8YYP | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|--------------------------|------------|------------|------------|------------|------------|
| WRNHR7 | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | | |
| WUEJWU | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | Not Tested |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | No Results | No Results | Not Tested | |
| XBYNJE | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| XD7UD2 | GlobalFiler™ Express | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| XK7PC7 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | NR | NR | NR | | |
| XR4WYF | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| XR82BP | Investigator® 24plex GO! | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-----------------------------------|-------|-----------|-------|-------|-------|
| XTCDPY | GlobalFiler™ (mRMP by Familias 3) | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| XVPUFJ | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| XY9GXB | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| Y783L6 | PowerPlex® 21 | | | | | |
| | 15.3,16 | 20,25 | | 14,15 | 10,12 | 12,13 |
| 1 | 9,12 | 14,16 | | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| Y9PKJF | Investigator® 24plex GO! | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| YBZ8E9 | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| YJ9DXC | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-----------------------|-------|-----------|-------|-------|-------|
| YKLV6N | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31,2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| YZGTC7 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| ZAZL6E | GlobalFiler™ (STRmix) | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| ZC9YMF | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| ZCBWBD | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| ZJNDR8 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31,2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | NR | NR | NR | | |
| ZPVHAD | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | NR | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|------------|------------|-------|-------|
| ZQ7KVC | PowerPlex® Fusion | | | | | |
| | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | NR | | | | |
| ZQKWRV | PowerPlex® Fusion 6C | | | | | |
| | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | No Results | No Results | | |
| ZRJ34N | PowerPlex® Fusion | | | | | |
| | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 1 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | NR | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|-------|-----------|---------|-------|-------|
| 2BPMQB | PowerPlex® Fusion 5C | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32,2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | NR | | | | |
| 2ECU7J | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32,2,33.2 | 11,14 | XX | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| 2J9DA3 | PowerPlex® Fusion | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32,2,33.2 | 11,14 | XX | 11,13 |
| | 18,23 | 11,11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | ND | | | | |
| 2M2697 | PowerPlex® Fusion | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32,2,33.2 | 11,14 | XX | 11,13 |
| | 18,23 | 11,11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| 2P7XZJ | PowerPlex® Fusion 6C | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32,2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| 2VZLV6 | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32,2,33.2 | 11,14 | XX | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| 2WPWLX | NGM | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | | |
| 2 | | 14,14 | 13,16 | 18,22 | | 12,13 |
| | 18,21 | 11,12 | 32,2,33.2 | 11,14 | XX | |
| | 18,23 | | | | 6,9.3 | |
| | 16,18 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|--------------------------|------------|-----------|---------|------------|-------|
| 2X4GE9 | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| 36YPLK | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| 3BKT4M | Investigator® 24plex | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | | | | |
| 3GEAU2 | GlobalFiler™ | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | no results | | | no results | |
| 3GQKE7 | GlobalFiler™ Express | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | - |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | - | - | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | - | - | - | - | |
| 3H9XBB | Investigator® 24plex GO! | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| 42BNQW | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | | | No Results | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|------------------------------------|--------------|-----------|---------|--------------|-------|
| 42RZ8G | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| 47PBRG | PowerPlex® Fusion 6C | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| 4CVPL | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | | | No Results | |
| 4MUAMJ | Investigator® 24plex GO! | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| 4QCYZN | PowerPlex® Fusion 6C, GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | Not Detected | | | Not Detected | |
| 4Z4QV9 | PowerPlex® Fusion | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | NR | | | | |
| 62ARUD | GlobalFiler™ | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|--------------------------|-------|-----------|---------|-------|-------|
| 64BEBG | PowerPlex® Fusion 6C | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| 69VK7C | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | XX | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| 6FEQ66 | GlobalFiler™ | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | XX | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| 6RJ7PE | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | XX | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| 7BBTX4 | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | XX | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| 7PYG62 | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | XX | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | NR | NR | NR | | |
| 7YZ269 | Investigator® 24plex GO! | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|------------------------------|------------|------------|------------|-------|-------|
| 84PKKR | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | No Results | No Results | | |
| 86FJ2B | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| 8JLNF4 | PowerPlex® Fusion 5C | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| 8NBCL9 | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| 8YPDYU | PowerPlex®, Sure ID 21G Plus | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | 13,18 |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| 8ZQMB6 | PowerPlex® Fusion | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | ND | | | | |
| 93TPWZ | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|--------------------------|------------|------------|------------|-------|-------|
| 98G7T7 | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| 9ARURJ | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | No Results | No Results | | |
| 9CDTQZ | GlobalFiler™ Express | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | - |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | - | - | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | - | - | - | - | |
| 9CK4Z7 | Investigator® 24plex GO! | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| 9GDVYA | GlobalFiler™ | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | NR | | | NR | |
| 9LKD7P | Investigator® 24plex | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | | | | |
| 9ME8V8 | PowerPlex® Fusion 6C | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|------------|------------|-------|-------|
| 9VDNH7 | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| 9XH3EC | GlobalFiler™ | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| 9ZR8RZ | GlobalFiler™ | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| ACC7V8 | GlobalFiler™ | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| AGKN2M | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | No Results | No Results | | |
| AJBMH7 | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| AL6UZ4 | PowerPlex® Fusion | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|------------|------------|------------|-------|
| AZKMEG | Identifiler® Plus | | | | | |
| | | 20,22 | | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | | | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | | X,X | 11,13 |
| | 18,23 | | | | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| B9N6ZJ | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | | | No Results | |
| BG4M27 | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| BRKBUK | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | No Results | No Results | | |
| BVLZ8R | Identifiler® Plus | | | | | |
| | | 20,22 | | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | | | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | | X,X | 11,13 |
| | 18,23 | | | | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| C6MJN8 | Identifiler® Direct | | | | | |
| | | 20,22 | | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | | | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | | X,X | 11,13 |
| | 18,23 | | | | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| C8AJ2M | PowerPlex® Fusion 6C | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|------------|------------|-------|-------|
| CA2HH7 | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| CRH2D8 | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| CTT3Y7 | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| CX32TK | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | No Results | No Results | | |
| D48HL6 | Identifiler® Plus | | | | | |
| | | 20,22 | | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | | | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | | X,X | 11,13 |
| | 18,23 | | | | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| DB9RRX | PowerPlex® Fusion | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | NR | | | | |
| DDFFKM | Identifiler® Plus | | | | | |
| | | 20,22 | | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | | | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | | X,X | 11,13 |
| | 18,23 | | | | 6,9.3 | 8,11 |
| | 16,18 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|--------------------------|-------|-----------|---------|-------|-------|
| DLAKEN | Identifiler® Plus | | | | | |
| | | 20,22 | | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | | | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | | X,X | 11,13 |
| | 18,23 | | | | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| DM4YU9 | PowerPlex® Fusion 6C | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| DUZH9X | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| DXLBCD | PowerPlex® Fusion | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | NR | | | | |
| E4LURU | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| E7EHEV | Investigator® 24plex GO! | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| EJXX3 | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|------------------------------------|--------------|-----------|---------|--------------|-------|
| ERRD3T | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| EX4NDV | PowerPlex® Fusion | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| EXFX9U | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| EZ2E63 | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| FCXTUR | PowerPlex® Fusion | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| FGQWLA | PowerPlex® Fusion 6C, GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | Not detected | | | Not detected | |
| FH2L32 | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|--------------------------|------------|------------|------------|------------|------------|
| FJWAGQ | GlobalFiler™ Express | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| FLWHJF | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | No Results | No Results | | |
| FXBENJ | PowerPlex® Fusion 5C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | Not Tested |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | Not Tested | 6,9.3 | 8,11 |
| | 16,18 | No Results | Not Tested | Not Tested | Not Tested | |
| G8WJG6 | Investigator® 24plex GO! | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| GDNN2D | PowerPlex® 21 | | | | | |
| | 15,15 | 20,22 | | 15,18 | 11,13 | 13,18 |
| 2 | 8,10 | 14,14 | | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| GQN4RU | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| GWYZUH | PowerPlex® Fusion | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | No Results | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | | |
|--------|---------------------------------------|--------------|-------|-----------|--------------|-------|-------|
| GX98YW | PowerPlex® Fusion 6C | | | | | | |
| | | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| | 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | | |
| GKYUX | Identifiler®, Investigator® 24plex QS | | | | | | |
| | | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | N/A |
| | 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | | 18,23 | N/A | N/A | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | N/A | N/A | N/A | N/A | | |
| GZ9KCN | GlobalFiler™ | | | | | | |
| | | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| | 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | | |
| H3482X | PowerPlex® Fusion 6C | | | | | | |
| | | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| | 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | | 18,23 | 11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | | |
| H7HTL6 | PowerPlex® Fusion 6C | | | | | | |
| | | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| | 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | | 18,23 | 11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | | |
| H8EGR8 | PowerPlex® Fusion 6C, GlobalFiler™ | | | | | | |
| | | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| | 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | Not detected | | | Not detected | | |
| HAL6GQ | GlobalFiler™ | | | | | | |
| | | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| | 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|------------|------------|------------|-------|
| HCK3QC | Investigator® 24plex | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | | | | |
| HEVT8T | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | -- | | | -- | |
| HHCCZB | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | | | No Results | |
| HJQM6U | PowerPlex® Fusion 6C | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| HK3BGU | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| HPU4LM | PowerPlex® Fusion 6C | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| J3QGXI | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | No Results | No Results | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|-------|-----------|---------|-------|-------|
| J9GVHJ | GlobalFiler™ | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| JETLJ7 | PowerPlex® Fusion | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | NR | | | | |
| JGUHYZ | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| JJXF2F | GlobalFiler™ Express | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| JLMR2L | | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| JM6A2R | PowerPlex® Fusion | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| KABF6N | GlobalFiler™ | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|-----------|---------|------------|-------|
| KKBN7F | PowerPlex® Fusion 6C | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| KLLAHG | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | XX | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | | | No Results | |
| KMF49Y | GlobalFiler™ | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | - | | | - | |
| KNCBN6 | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | XX | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No results | | | No results | |
| KP76DM | PowerPlex® Fusion | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | XX | 11,13 |
| | 18,23 | 11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| KUDKUX | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | XX | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| L6R4PE | Investigator® 24plex | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | XX | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|--------------------------|------------|-----------|---------|-------|-------|
| L77Q22 | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| LQF7JY | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| LT79PM | Investigator® 24plex GO! | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| LVL2KG | GlobalFiler™ | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| M8D698 | PowerPlex® Fusion 5C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | No Results | | | | |
| MAK2QV | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| MBYB3G | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|-----------|---------|-------|-------|
| MJUXNU | PowerPlex® Fusion 6C | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| MTUPYF | GlobalFiler™ | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| MY89E3 | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| N4DG66 | Investigator® 24plex | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | | | | |
| N7Z4RQ | PowerPlex® Fusion 6C | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| N8BFEE | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | NR | NR | NR | | |
| NLCH9N | PowerPlex® Fusion 6C | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|------------|------------|-------|-------|
| NPTXAF | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | No Results | No Results | | |
| NRJZF4 | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| P3C3W3 | PowerPlex® Fusion 5C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | No Results | | | | |
| P3Y69L | GlobalFiler™ | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| PEBXTR | GlobalFiler™ | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| PPVWCP | PowerPlex® Fusion 6C | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| PQ4ZVE | PowerPlex® Fusion 5C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | No Results | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|--------------------------|------------|------------|------------|-------|-------|
| PUGX42 | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | No Results | No Results | | |
| Q42RUN | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| Q7FERN | Investigator® 24plex GO! | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| QELXTD | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| QN8YAM | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| QTMVBX | Investigator® 24plex GO! | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| QUJBL9 | PowerPlex® Fusion 6C | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|------------|------------|-------|-------|
| QW2PPA | PowerPlex® Fusion 6C | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| QYVCKL | PowerPlex® Fusion | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | XX | 11,13 |
| | 18,23 | 11,11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | nd | | | | |
| R2ARD6 | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | XX | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | No Results | No Results | | |
| RCBWGK | PowerPlex® Fusion | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | XX | 11,13 |
| | 18,23 | 11,11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| RD8A3R | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | XX | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | -- | | | -- | |
| RFYMWQ | Identifiler® Plus | | | | | |
| | | 20,22 | | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | | | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | | X | 11,13 |
| | 18,23 | | | | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| RNPDB7 | PowerPlex® Fusion 5C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | XX | 11,13 |
| | 18,23 | 11,11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | No Results | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|------------------------------------|--------------|-----------|---------|--------------|-------|
| RW48FZ | PowerPlex® Fusion 6C, GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | Not Detected | | | Not Detected | |
| RXCB2B | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | | | No Results | |
| T3793R | Investigator® 24plex GO! | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| T3ZDK2 | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | | | No Results | |
| T6RDTX | PowerPlex® Fusion | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | NR | | | | |
| TTJACM | GlobalFiler™ | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| TXTVDL | PowerPlex® Fusion 6C | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|---------------------------------------|-------|-----------|---------|-------|-------|
| TY6H4M | Identifiler®, Investigator® 24plex QS | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | N/A |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | N/A | N/A | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | N/A | N/A | N/A | N/A | |
| TZY6HC | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| UCPACU | GlobalFiler™ | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| URFLBH | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| V3T2XG | PowerPlex® Fusion 6C | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | NR | NR | NR | | |
| VBM9FM | GlobalFiler™ Express | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | - |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | - | - | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | - | - | - | - | |
| VC3HFE | PowerPlex® Fusion 5C | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-------------------------------|------------|------------|------------|-------|-------|
| VE4FV9 | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | No Results | No Results | | |
| VFN8YR | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| VJ6EEE | GlobalFiler™ Express | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | - |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | - | - | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | - | - | - | - | |
| W4LDT9 | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| W6JF8C | PowerPlex® ESX 17 Fast System | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | | |
| 2 | | 14,14 | 13,16 | 18,22 | | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | |
| | 18,23 | | | 16,29.2 | 6,9.3 | |
| | 16,18 | | | | | |
| W6XTM9 | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| W6ZF6M | Identifiler® Direct | | | | | |
| | | 20,22 | | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | | | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | | X,X | 11,13 |
| | 18,23 | | | | 6,9.3 | 8,11 |
| | 16,18 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|--------------------------|------------|------------|------------|-------|-------|
| W9ZZUR | PowerPlex® Fusion | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | NR | | | | |
| WABCGG | Investigator® 24plex GO! | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| WBQH2C | GlobalFiler™ | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| WKUT83 | PowerPlex® Fusion 6C | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| WMD6A8 | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | No Results | No Results | | |
| WP8YYP | PowerPlex® Fusion 6C | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| WRNHR7 | Investigator® 24plex | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-----------------------------------|------------|------------|------------|------------|------------|
| WUEJWU | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | Not Tested |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | No Results | No Results | Not Tested | |
| XBYNJE | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| XD7UD2 | GlobalFiler™ Express | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| XK7PC7 | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | NR | NR | NR | | |
| XR4WYF | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| XR82BP | Investigator® 24plex GO! | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| XTCDPY | GlobalFiler™ (mRMP by Familias 3) | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|--------------------------|-------|-------|-----------|---------|-------------|
| XVPUFJ | PowerPlex® Fusion 6C | | | | | |
| | | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 |
| | 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 12,13 |
| | | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X 11,13 |
| | | 18,23 | 11 | 9,13 | 16,29.2 | 6,9.3 8,11 |
| | 16,18 | | | | | |
| XY9GXB | GlobalFiler™ | | | | | |
| | | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 |
| | 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 12,13 |
| | | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X 11,13 |
| | | 18,23 | | | 16,29.2 | 6,9.3 8,11 |
| | 16,18 | | | | | |
| Y783L6 | PowerPlex® 21 | | | | | |
| | | 15,15 | 20,22 | | 15,18 | 11,13 13,18 |
| | 2 | 8,10 | 14,14 | | 18,22 | 11,12 12,13 |
| | | 18,21 | 11,12 | 32.2,33.2 | | X,X 11,13 |
| | | 18,23 | 11,11 | 9,13 | | 6,9.3 8,11 |
| | 16,18 | | | | | |
| Y9PKJF | Investigator® 24plex GO! | | | | | |
| | | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 |
| | 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 12,13 |
| | | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X 11,13 |
| | | 18,23 | | | 16,29.2 | 6,9.3 8,11 |
| | 16,18 | | | | | |
| YBZ8E9 | GlobalFiler™ | | | | | |
| | | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 |
| | 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 12,13 |
| | | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X 11,13 |
| | | 18,23 | | | 16,29.2 | 6,9.3 8,11 |
| | 16,18 | | | | | |
| YJ9DXC | PowerPlex® Fusion 6C | | | | | |
| | | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 |
| | 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 12,13 |
| | | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X 11,13 |
| | | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 8,11 |
| | 16,18 | | | | | |
| YKLV6N | PowerPlex® Fusion 6C | | | | | |
| | | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 |
| | 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 12,13 |
| | | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X 11,13 |
| | | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 8,11 |
| | 16,18 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|-------|-----------|---------|-------|-------|
| YZGTC7 | PowerPlex® Fusion 6C | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| ZAZL6E | GlobalFiler™ | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| ZC9YMF | GlobalFiler™ | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | | | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| ZCBWBD | PowerPlex® Fusion 6C | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | | | | | |
| ZJNDR8 | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | NR | NR | NR | | |
| ZPVHAD | PowerPlex® Fusion | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | NR | | | | |
| ZQ7KVC | PowerPlex® Fusion | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | NR | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|------------|------------|-------|-------|
| ZQKWRV | PowerPlex® Fusion 6C | | | | | |
| | 15,15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14,14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X,X | 11,13 |
| | 18,23 | 11,11 | 9,13 | 16,29.2 | 6,9.3 | 8,11 |
| | 16,18 | No Results | No Results | No Results | | |
| ZRJ34N | PowerPlex® Fusion | | | | | |
| | 15 | 20,22 | 11,11.3 | 15,18 | 11,13 | |
| 2 | 8,10 | 14 | 13,16 | 18,22 | 11,12 | 12,13 |
| | 18,21 | 11,12 | 32.2,33.2 | 11,14 | X | 11,13 |
| | 18,23 | 11 | 9,13 | | 6,9.3 | 8,11 |
| | 16,18 | NR | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|---------|---------|-------|-------|-------|
| 2BPMQB | PowerPlex® Fusion 5C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | | 8,9 | 8,11 |
| | 16 | 11 | | | | |
| 2ECU7J | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| 2J9DA3 | PowerPlex® Fusion | | | | | |
| | ND | ND | ND | ND | ND | |
| 3 | ND | ND | ND | ND | ND | ND |
| | ND | ND | ND | ND | ND | ND |
| | ND | ND | ND | | ND | ND |
| | ND | ND | | | | |
| 2P7XZJ | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | 19 | 17 | | |
| 2VZLV6 | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| 2WPWLX | NGM | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | | |
| 3 | | 12,14 | 15,15 | 17,19 | | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | |
| | 18,27 | | | | 8,9 | |
| | 16,16 | | | | | |
| 2X4GE9 | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-----------------------|---------|---------|-------|-------|-------|
| 36YPLK | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| 3BKT4M | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| 3GEAU2 | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | | | 2 | |
| 3GQKE7 | Identifiler® Plus | | | | | |
| | - | 20,26 | - | 15,17 | 11,12 | - |
| 3 | 10 | 12,14 | - | - | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | - | X,Y | 10,12 |
| | 18,27 | - | - | - | 8,9 | 8,11 |
| | 16 | - | - | - | - | |
| 42RZ8G | GlobalFiler™ (STRmix) | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| 47PBRG | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | 19 | 17 | | |
| 4CWPL | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|---------|---------|-------|-------|-------|
| 4QCYZN | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| 4Z4QV9 | PowerPlex® Fusion | | | | | |
| | NR | NR | NR | NR | NR | |
| 3 | NR | NR | NR | NR | NR | NR |
| | NR | NR | NR | NR | NR | NR |
| | NR | NR | NR | | NR | NR |
| | NR | NR | | | | |
| 62ARUD | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | | | 2 | |
| 64BEBG | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | 19 | 17 | | |
| 69VK7C | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| 6FEQ66 | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | | | 2 | |
| 6RJ7PE | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|------------------------------|---------|---------|-------|-------|-------|
| 7BBTX4 | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| 7PYG62 | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| 84PKKR | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| 86FJ2B | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| 8JLNF4 | PowerPlex® Fusion 5C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | | 8,9 | 8,11 |
| | 16 | 11 | | | | |
| 8YPDYU | PowerPlex®, Sure ID 21G Plus | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | 14,19 |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | | 8,9 | 8,11 |
| | 16,16 | 11 | | | | |
| 8ZQMB6 | PowerPlex® Fusion | | | | | |
| | ND | ND | ND | ND | ND | |
| 3 | ND | ND | ND | ND | ND | ND |
| | ND | ND | ND | ND | ND | ND |
| | ND | ND | ND | | ND | ND |
| | ND | ND | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-----------------------|---------|---------|-------|-------|-------|
| 93TPWZ | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| 9ARURJ | PowerPlex® Fusion 5C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | | 8,9 | 8,11 |
| | 16,16 | 11 | | | | |
| 9CDTQZ | Identifiler® Plus | | | | | |
| | - | 20,26 | - | 15,17 | 11,12 | - |
| 3 | 10 | 12,14 | - | - | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | - | X,Y | 10,12 |
| | 18,27 | - | - | - | 8,9 | 8,11 |
| | 16 | - | - | - | - | |
| 9GDVYA | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | | | 2 | |
| 9LKD7P | GlobalFiler™ (STRmix) | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| 9ME8V8 | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | 19 | 17 | | |
| 9VDNH7 | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-----------------------|---------|---------|-------|-------|-------|
| 9XH3EC | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | | | 2 | |
| 9ZR8RZ | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | | | 2 | |
| ACC7V8 | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | | | 2 | |
| AGKN2M | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| AL6UZ4 | PowerPlex® Fusion | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | | 8,9 | 8,11 |
| | 16,16 | 11 | | | | |
| AZKMEG | Identifiler® Plus | | | | | |
| | | 20,26 | | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | | | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | | X,Y | 10,12 |
| | 18,27 | | | | 8,9 | 8,11 |
| | 16,16 | | | | | |
| B9N6ZJ | GlobalFiler™ (STRmix) | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-------------------------------|---------|---------|-------|-------|----------|
| BG4M27 | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| BRKBUK | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12,13 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| BVLZ8R | Identifiler® Plus | | | | | |
| | | 20,26 | | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | | | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | | X,Y | 10,12 |
| | 18,27 | | | | 8,9 | 8,11 |
| | 16,16 | | | | | |
| C6MJN8 | Identifiler® Plus | | | | | |
| | | 20,26 | | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | | | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | | X,Y | 10,12 |
| | 18,27 | | | | 8,9 | 8,11 |
| | 16,16 | | | | | |
| C8AJ2M | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | 19 | 17 | | |
| CA2HH7 | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| CKKKQ9 | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | 19 | 17 | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-------------------------------|---------|---------|-------|-------|----------|
| CRH2D8 | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| CTT3Y7 | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| CX32TK | PowerPlex® Fusion / Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| D48HL6 | Identifiler® Plus | | | | | |
| | | 20,26 | | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | | | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | | X,Y | 10,12 |
| | 18,27 | | | | 8,9 | 8,11 |
| | 16 | | | | | |
| DB9RRX | PowerPlex® Fusion | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | | 8,9 | 8,11 |
| | 16 | 11 | | | | |
| DDFFKM | Identifiler® Plus | | | | | |
| | | 20,26 | | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | | | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | | X,Y | 10,12 |
| | 18,27 | | | | 8,9 | 8,11 |
| | 16,16 | | | | | |
| DLAKEN | Identifiler® Plus | | | | | |
| | | 20,26 | | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | | | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | | X,Y | 10,12,13 |
| | 18,27 | | | | 8,9 | 8,11 |
| | 16 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-------------------------|---------|---------|-------|-------|-------|
| DM4YU9 | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | 19 | 17 | | |
| DUZH9X | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| DXLBCD | PowerPlex® Fusion | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | | 8,9 | 8,11 |
| | 16 | 11 | | | | |
| E4LURU | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| E7EHEV | Investigator® 24plex QS | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | | | | |
| ERRD3T | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| EXFX9U | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|---------|---------|-------|------------|------------|
| EZ2E63 | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| FGQWLA | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| FH2L32 | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| FJWAGQ | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| FLWHJF | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| FXBENJ | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | Not Tested |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | Not Tested | |
| GDNN2D | PowerPlex® 21 | | | | | |
| | 14,16.3 | 20,26 | | 15,17 | 11,12 | 14,19 |
| 3 | 10,10 | 12,14 | | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | | 8,9 | 8,11 |
| | 16,16 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|---------------------------------------|---------|---------|-------|-------|-------|
| GQN4RU | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| GWYZUH | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| GX98YW | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| GKYUX | Identifiler®, Investigator® 24plex QS | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | N/A |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | N/A | N/A | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | N/A | N/A | N/A | |
| GZ9KCN | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| H3482X | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | 19 | 17 | | |
| H7HTL6 | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | 19 | 17 | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|---------|---------|-------|-------|-------|
| H8EGR8 | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| HAL6GQ | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | | | 2 | |
| HCK3QC | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| HEVT8T | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| HHCCZB | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| HJQM6U | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | 19 | 17 | | |
| HK3BGU | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|---------|---------|-------|-------|-------|
| HPU4LM | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | 19 | 17 | | |
| J3QGXI | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| J9GVHJ | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | | | 2 | |
| JETLJ7 | PowerPlex® Fusion | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | | 8,9 | 8,11 |
| | 16 | 11 | | | | |
| JGUHYZ | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| JJXF2F | GlobalFiler™ Express | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| JLMR2L | | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | | | 2 | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-------------------------------|---------|---------|-------|-------|-------|
| JM6A2R | PowerPlex® Fusion | | | | | |
| | ND | ND | ND | ND | ND | |
| 3 | ND | ND | ND | ND | ND | ND |
| | ND | ND | ND | ND | ND | ND |
| | ND | ND | ND | | ND | ND |
| | ND | ND | | | | |
| KABF6N | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | | | 2 | |
| KKBN7F | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | 19 | 17 | | |
| KLLAHG | PowerPlex® Fusion 5C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | | 8,9 | 8,11 |
| | 16,16 | 11 | | | | |
| KMF49Y | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | | | 2 | |
| KNCBN6 | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| KUDKUX | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-------------------------|---------|---------|---------|-------|-------|
| L77Q22 | GlobalFiler™ | | | | | |
| | | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 |
| 3 | | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 |
| | | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y |
| | | 18,27 | | | 16,19 | 8,9 |
| | | 16,16 | 11 | | | 2 |
| LQF7JY | GlobalFiler™ | | | | | |
| | | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 |
| 3 | | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 |
| | | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y |
| | | 18,27 | | | 16,19 | 8,9 |
| | | 16,16 | 11 | | | 2 |
| LT79PM | Investigator® 24plex QS | | | | | |
| | | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 |
| 3 | | 10 | 12,14 | 15 | 17,19 | 11,12 |
| | | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y |
| | | 18,27 | | | 16,19 | 8,9 |
| | | 16 | 11 | | | |
| LVL2KG | GlobalFiler™ | | | | | |
| | | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 |
| 3 | | 10 | 12,14 | 15 | 17,19 | 11,12 |
| | | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y |
| | | 18,27 | | | 16,19 | 8,9 |
| | | 16 | 11 | | | 2 |
| M8D698 | PowerPlex® Fusion 5C | | | | | |
| | | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 |
| 3 | | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 |
| | | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y |
| | | 18,27 | 11,13 | 12,19 | | 8,9 |
| | | 16,16 | 11 | | | |
| MAK2QV | GlobalFiler™ | | | | | |
| | | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 |
| 3 | | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 |
| | | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y |
| | | 18,27 | | | 16,19 | 8,9 |
| | | 16,16 | 11 | | | 2 |
| MBYB3G | GlobalFiler™ | | | | | |
| | | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 |
| 3 | | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 |
| | | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y |
| | | 18,27 | | | 16,19 | 8,9 |
| | | 16,16 | 11 | | | 2 |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|---------|---------|------------|-------|-------|
| MJUXNU | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | 19 | 17 | | |
| MTUPYF | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | | | 2 | |
| MY89E3 | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| N4DG66 | PowerPlex® Fusion 5C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | Not Tested | 8,9 | 8,11 |
| | 16,16 | 11 | | | | |
| N7Z4RQ | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | 19 | 17 | | |
| N8BFEE | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| NLCH9N | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | 19 | 17 | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|--|---------|---------|-------|-------|-------|
| NPTXAF | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| NRJZF4 | PowerPlex® Fusion 5C, Investigator® 24plex | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | | |
| P3C3W3 | Investigator® 24plex | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | | |
| P3Y69L | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | | | 2 | |
| PEBXTR | GlobalFiler™ (STRmix v2.4.05) | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | | | 2 | |
| PPVWCP | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | 19 | 17 | | |
| PQ4ZVE | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-------------------------------|---------|---------|-------|-------|-------|
| PUGX42 | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| QELXTD | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| QN8YAM | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| QUJBL9 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | 19 | 17 | | |
| QW2PPA | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | 19 | 17 | | |
| QYVCKL | PowerPlex® Fusion | | | | | |
| | bdl | inc | bdl | bdl | bdl | |
| 3 | inc | bdl | bdl | inc | bdl | inc |
| | inc | bdl | inc | inc | inc | bdl |
| | bdl | bdl | inc | | inc | bdl |
| | inc | nd | | | | |
| R2ARD6 | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|---------|---------|-------|-------|------------|
| RCBWGK | PowerPlex® Fusion | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | | 8,9 | 8,11 |
| | 16,16 | 11 | | | | |
| RD8A3R | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12,[13] |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16,[17] | 11 | | | 2 | |
| RFYMWQ | Identifiler® Plus | | | | | |
| | | 20,26 | | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | | | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | | X,Y | 10,12 |
| | 18,27 | | | | 8,9 | 8,11 |
| | 16 | | | | | |
| RNPDB7 | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| RW48FZ | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| RXCB2B | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| T3ZDK2 | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|---------------------------------------|---------|---------|---------|-------|-------------|
| T6RDTX | PowerPlex® Fusion | | | | | |
| | | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 |
| | 3 | 10 | 12,14 | 15 | 17,19 | 11,12, 8,13 |
| | | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y, 10,12 |
| | | 18,27 | 11,13 | 12,19 | | 8,9, 8,11 |
| | | 16 | 11 | | | |
| TTJACM | GlobalFiler™ (STRmix) | | | | | |
| | | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 |
| | 3 | 10 | 12,14 | 15 | 17,19 | 11,12, 8,13 |
| | | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y, 10,12 |
| | | 18,27 | | | 16,19 | 8,9, 8,11 |
| | | 16 | 11 | | | 2 |
| TXTVDL | PowerPlex® Fusion 6C | | | | | |
| | | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 |
| | 3 | 10 | 12,14 | 15 | 17,19 | 11,12, 8,13 |
| | | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y, 10,12 |
| | | 18,27 | 11,13 | 12,19 | 16,19 | 8,9, 8,11 |
| | | 16 | 11 | 19 | 17 | |
| TY6H4M | Identifiler®, Investigator® 24plex QS | | | | | |
| | | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12, N/A |
| | 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12, 8,13 |
| | | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y, 10,12 |
| | | 18,27 | N/A | N/A | 16,19 | 8,9, 8,11 |
| | | 16,16 | 11 | N/A | N/A | N/A |
| TZY6HC | PowerPlex® Fusion 6C | | | | | |
| | | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 |
| | 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12, 8,13 |
| | | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y, 10,12 |
| | | 18,27 | 11,13 | 12,19 | 16,19 | 8,9, 8,11 |
| | | 16,16 | 11 | 19 | 17 | |
| UCPACU | GlobalFiler™ | | | | | |
| | | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 |
| | 3 | 10 | 12,14 | 15 | 17,19 | 11,12, 8,13 |
| | | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y, 10,12 |
| | | 18,27 | | | 16,19 | 8,9, 8,11 |
| | | 16 | 11 | | | 2 |
| URFLBH | PowerPlex® Fusion 6C | | | | | |
| | | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 |
| | 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12, 8,13 |
| | | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y, 10,12 |
| | | 18,27 | 11,13 | 12,19 | 16,19 | 8,9, 8,11 |
| | | 16,16 | 11 | 19 | 17 | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-------------------------------|---------|---------|-------|-------|-------|
| VBM9FM | Identifiler® Plus | | | | | |
| | - | 20,26 | - | 15,17 | 11,12 | - |
| 3 | 10 | 12,14 | - | - | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | - | X,Y | 10,12 |
| | 18,27 | - | - | - | 8,9 | 8,11 |
| | 16 | - | - | - | - | - |
| VC3HFE | PowerPlex® Fusion 5C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | | 8,9 | 8,11 |
| | 16 | 11 | | | | |
| VE4FV9 | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| VFN8YR | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| VJ6EEE | Identifiler® Plus | | | | | |
| | - | 20,26 | - | 15,17 | 11,12 | - |
| 3 | 10 | 12,14 | - | - | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | - | X,Y | 10,12 |
| | 18,27 | - | - | - | 8,9 | 8,11 |
| | 16 | - | - | - | - | - |
| W4LDT9 | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| W6JF8C | PowerPlex® ESX 17 Fast System | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | | |
| 3 | | 12,14 | 15,15 | 17,19 | | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | |
| | 18,27 | | | 16,19 | 8,9 | |
| | 16,16 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-------------------------------|---------|---------|-------|-------|-------|
| W6XTM9 | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| W6ZF6M | Identifiler® Plus | | | | | |
| | | 20,26 | | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | | | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | | X,Y | 10,12 |
| | 18,27 | | | | 8,9 | 8,11 |
| | 16 | | | | | |
| W9ZZUR | PowerPlex® Fusion | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | | 8,9 | 8,11 |
| | 16 | 11 | | | | |
| WBQH2C | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| WKUT83 | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | 19 | 17 | | |
| WMD6A8 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| WP8YYP | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | 19 | 17 | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-----------------------------------|------------|------------|------------|-------|------------|
| WUEJWU | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | Not Tested |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | Not Tested | Not Tested | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | Not Tested | Not Tested | 2 | |
| XBYNJE | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| XD7UD2 | GlobalFiler™ Express | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| XK7PC7 | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| XR4WYF | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| XTCDPY | GlobalFiler™ (mRMP by Familias 3) | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | | | 2 | |
| XVPUFJ | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | 19 | 17 | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-----------------------|---------|---------|---------|-------|-------|
| XY9GXB | GlobalFiler™ | | | | | |
| | | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 |
| | 3 | 10 | 12,14 | 15 | 17,19 | 11,12 |
| | | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y |
| | | 18,27 | | | 16,19 | 8,9 |
| | | 16 | 11 | | | 2 |
| Y783L6 | PowerPlex® 21 | | | | | |
| | | 14,16.3 | 20,26 | | 15,17 | 11,12 |
| | 3 | 10,10 | 12,14 | | 17,19 | 11,12 |
| | | 14,15 | 13,13.2 | 30,32.2 | | X,Y |
| | | 18,27 | 11,13 | 12,19 | | 8,9 |
| | | 16,16 | | | | |
| YBZ8E9 | GlobalFiler™ | | | | | |
| | | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 |
| | 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 |
| | | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y |
| | | 18,27 | | | 16,19 | 8,9 |
| | | 16,16 | 11 | | | 2 |
| YJ9DXC | PowerPlex® Fusion 6C | | | | | |
| | | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 |
| | 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 |
| | | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y |
| | | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 |
| | | 16,16 | 11 | 19 | 17 | |
| YKLV6N | PowerPlex® Fusion 6C | | | | | |
| | | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 |
| | 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 |
| | | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y |
| | | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 |
| | | 16,16 | 11 | 19 | 17 | |
| YZGTC7 | PowerPlex® Fusion 6C | | | | | |
| | | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 |
| | 3 | 10 | 12,14 | 15 | 17,19 | 11,12 |
| | | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y |
| | | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 |
| | | 16 | 11 | 19 | 17 | |
| ZAZL6E | GlobalFiler™ (STRmix) | | | | | |
| | | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 |
| | 3 | 10 | 12,14 | 15 | 17,19 | 11,12 |
| | | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y |
| | | 18,27 | | | 16,19 | 8,9 |
| | | 16 | 11 | | | 2 |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|---------|---------|-------|-------|-------|
| ZC9YMF | GlobalFiler™ | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | | | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | | | 2 | |
| ZCBWBD | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16 | 11 | 19 | 17 | | |
| ZJNDR8 | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| ZPVHAD | PowerPlex® Fusion | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | | 8,9 | 8,11 |
| | 16 | 11 | | | | |
| ZQ7KVC | PowerPlex® Fusion | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | | 8,9 | 8,11 |
| | 16 | 11 | | | | |
| ZQKWRV | PowerPlex® Fusion 6C | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10,10 | 12,14 | 15,15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16,16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | 16,19 | 8,9 | 8,11 |
| | 16,16 | 11 | 19 | 17 | | |
| ZRJ34N | PowerPlex® Fusion | | | | | |
| | 14,16.3 | 20,26 | 11,15 | 15,17 | 11,12 | |
| 3 | 10 | 12,14 | 15 | 17,19 | 11,12 | 8,13 |
| | 14,15 | 13,13.2 | 30,32.2 | 16 | X,Y | 10,12 |
| | 18,27 | 11,13 | 12,19 | | 8,9 | 8,11 |
| | 16 | 11 | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|-------|-----------|-------|-------|-------|
| 2BPMQB | PowerPlex® Fusion 5C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | NR | | | | |
| 2ECU7J | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 2J9DA3 | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | ND | | | | |
| 2P7XZJ | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 2VZLV6 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 2WPWLX | NGM | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | | |
| 4 | | 14,16 | 14,15 | 19,21 | | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | |
| | 20,21 | | | | 8,9.3 | |
| | 16,19 | | | | | |
| 2X4GE9 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|-----------|-------|------------|-------|
| 36YPLK | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 3BKT4M | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | No Results | |
| 3GEAU2 | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | no results | | | no results | |
| 3GQKE7 | Identifiler® Plus | | | | | |
| | - | 20,25 | - | 14,15 | 10,12 | - |
| 4 | 9,12 | 14,16 | - | - | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | - | X,X | 10 |
| | 20,21 | - | - | - | 8,9.3 | 9,11 |
| | 16,19 | - | - | - | - | |
| 42RZ8G | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 47PBRG | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 4CWPL | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | No Results | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|--------------|-----------|-------|--------------|-------|
| 4QCYZN | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | Not Detected | | | Not Detected | |
| 4Z4QV9 | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | NR | | | | |
| 62ARUD | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 64BEBG | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 69VK7C | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 6FEQ66 | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X,X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 6RJ7PE | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|------------|------------|-------|-------|
| 7BBTX4 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 7PYG62 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | NR | NR | NR | | |
| 84PKKR | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | No Results | No Results | | |
| 86FJ2B | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 8JLNF4 | PowerPlex® Fusion 5C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 8YPDYU | PowerPlex® | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | 12,13 |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 8ZQMB6 | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | ND | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|---|------------|------------|------------|------------|-------|
| 93TPWZ | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 9ARURJ | PowerPlex® Fusion 5C/Fusion 6C (STRmix) | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | No Results | No Results | | |
| 9CDTQZ | Identifiler® Plus | | | | | |
| | - | 20,25 | - | 14,15 | 10,12 | - |
| 4 | 9,12 | 14,16 | - | - | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | - | X,X | 10 |
| | 20,21 | - | - | - | 8,9.3 | 9,11 |
| | 16,19 | - | - | - | - | |
| 9GDVYA | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | NR | | | NR | |
| 9LKD7P | GlobalFiler™ (STRmix) | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | No Results | |
| 9ME8V8 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 9VDNH7 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-------------------|------------|-----------|-------|------------|-------|
| 9XH3EC | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| 9ZR8RZ | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| ACC7V8 | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| AGKN2M | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | No Results | |
| AL6UZ4 | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| AZKMEG | Identifiler® Plus | | | | | |
| | | 20,25 | | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | | | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | | X,X | 10,10 |
| | 20,21 | | | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| B9N6ZJ | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | No Results | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-------------------------------|------------|------------|------------|-------|-------|
| BG4M27 | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| BRKBUK | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | No Results | No Results | | |
| BVLZ8R | Identifiler® Plus | | | | | |
| | | 20,25 | | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | | | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | | X,X | 10,10 |
| | 20,21 | | | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| C6MJN8 | Identifiler® Plus | | | | | |
| | | 20,25 | | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | | | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | | X,X | 10,10 |
| | 20,21 | | | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| C8AJ2M | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| CA2HH7 | | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| CRH2D8 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|---|------------|------------|------------|-------|-------|
| CTT3Y7 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| CX32TK | PowerPlex® Fusion 6C, Investigator® 24plex (STRmix) | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | No Results | No Results | | |
| D48HL6 | Identifiler® Plus | | | | | |
| | | 20,25 | | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | | | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | | X,X | 10 |
| | 20,21 | | | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| DB9RRX | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | NR | | | | |
| DDFFKM | Identifiler® Plus | | | | | |
| | | 20,25 | | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | | | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | | X,X | 10,10 |
| | 20,21 | | | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| DLAKEN | Identifiler® Plus | | | | | |
| | | 20,25 | | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | | | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | | X,X | 10,10 |
| | 20,21 | | | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| DM4YU9 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-------------------------|-------|-----------|-------|-------|-------|
| DUZH9X | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| DXLBCD | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | NR | | | | |
| E4LURU | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| E7EHEV | Investigator® 24plex QS | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| ERRD3T | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| EXFX9U | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| EZ2E63 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|--------------|------------|------------|--------------|------------|
| FGQWLA | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | Not detected | | | Not detected | |
| FH2L32 | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| FJWAGQ | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| FLWHJF | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | No Results | |
| FXBENJ | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | Not Tested |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | No Results | No Results | Not Tested | |
| GDNN2D | PowerPlex® 21 | | | | | |
| | 15.3,NR | 20,25 | | 14,15 | 10,12 | 12,13 |
| 4 | 9,12 | 14,16 | | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| GQN4RU | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|---------------------------------------|--------------|-----------|-------|--------------|-------|
| GWYZUH | GlobalFiler™ | | | | | |
| | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31,2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | No Results | |
| GX98YW | PowerPlex® Fusion 6C | | | | | |
| | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31,2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| GYKYUX | Identifiler®, Investigator® 24plex QS | | | | | |
| | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | N/A |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31,2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | N/A | N/A | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | N/A | N/A | N/A | N/A | |
| GZ9KCN | GlobalFiler™ | | | | | |
| | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31,2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| H3482X | PowerPlex® Fusion 6C | | | | | |
| | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31,2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| H7HTL6 | PowerPlex® Fusion 6C | | | | | |
| | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31,2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| H8EGR8 | GlobalFiler™ | | | | | |
| | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31,2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | Not detected | | | Not detected | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|------------|------------|------------|-------|
| HAL6GQ | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| HCK3QC | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | No Results | No Results | | |
| HEVT8T | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | -- | | | -- | |
| HHCCZB | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | No Results | |
| HJQM6U | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| HK3BGU | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | XX | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| HPU4LM | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|-----------|-------|------------|-------|
| J3QGXI | GlobalFiler™ | | | | | |
| | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31,2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | No Results | |
| J9GVHJ | GlobalFiler™ | | | | | |
| | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| JETLJ7 | PowerPlex® Fusion | | | | | |
| | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | NR | | | | |
| JGUHYZ | PowerPlex® Fusion 6C | | | | | |
| | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31,2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| JJXF2F | GlobalFiler™ Express | | | | | |
| | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31,2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| JLMR2L | | | | | | |
| | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31,2,31.2 | 11,15 | X,X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| JM6A2R | PowerPlex® Fusion | | | | | |
| | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31,2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|------------|------------|-------|-------|
| KABF6N | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| KKBN7F | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| KLLAHG | PowerPlex® Fusion 5C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | | |
| KMF49Y | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | - | | | - | |
| KNCBN6 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No results | No results | No results | | |
| KUDKUX | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| L77Q22 | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-------------------------|------------|-----------|-------|-------|-------|
| LQF7JY | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| LT79PM | Investigator® 24plex QS | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| LVL2KG | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| M8D698 | PowerPlex® Fusion 5C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | | |
| MAK2QV | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| MBYB3G | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| MJUXNU | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|-----------|-------|------------|-------|
| MTUPYF | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| MY89E3 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| N4DG66 | PowerPlex® Fusion 5C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | | |
| N7Z4RQ | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| N8BFEE | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | NR | NR | NR | | |
| NLCH9N | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| NPTXAF | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | No Results | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|--|------------|------------|------------|------------|-------|
| NRJZF4 | PowerPlex® Fusion 5C, Investigator® 24plex | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| P3C3W3 | Investigator® 24plex | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | | |
| P3Y69L | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| PEBXTR | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| PPWVCP | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| PQ4ZVE | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | No Results | No Results | | |
| PUGX42 | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | No Results | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-------------------------------|------------|-----------|-------|------------|-------|
| QELXTD | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31,2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| QN8YAM | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31,2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| QUJBL9 | PowerPlex® Fusion 6C (STRmix) | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| QW2PPA | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| QYVCKL | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31,2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| R2ARD6 | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31,2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | No Results | |
| RCBWGK | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31,2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|--------------|------------|------------|--------------|-------|
| RD8A3R | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | -- | | | -- | |
| RFYMWQ | Identifiler® Plus | | | | | |
| | | 20,25 | | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | | | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | | X | 10 |
| | 20,21 | | | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| RNPDB7 | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| RW48FZ | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | Not Detected | | | Not Detected | |
| RXCB2B | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | No Results | |
| T3ZDK2 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | No Results | No Results | | |
| T6RDTX | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | NR | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|---------------------------------------|-------|-----------|-------|-------|-------|
| TTJACM | GlobalFiler™ (STRmix) | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| TXTVDL | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| TY6H4M | Identifiler®, Investigator® 24plex QS | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | N/A |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | N/A | N/A | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | N/A | N/A | N/A | N/A | |
| TZY6HC | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| UCPACU | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| URFLBH | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| VBM9FM | Identifiler® Plus | | | | | |
| | - | 20,25 | - | 14,15 | 10,12 | - |
| 4 | 9,12 | 14,16 | - | - | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | - | X,X | 10 |
| | 20,21 | - | - | - | 8,9.3 | 9,11 |
| | 16,19 | - | - | - | - | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-------------------------------|------------|-----------|-------|------------|-------|
| VC3HFE | PowerPlex® Fusion 5C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| VE4FV9 | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | | | No Results | |
| VFN8YR | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| VJ6EEE | Identifiler® Plus | | | | | |
| | - | 20,25 | - | 14,15 | 10,12 | - |
| 4 | 9,12 | 14,16 | - | - | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | - | X,X | 10 |
| | 20,21 | - | - | - | 8,9.3 | 9,11 |
| | 16,19 | - | - | - | - | |
| W4LDT9 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| W6JF8C | PowerPlex® ESX 17 Fast System | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | | |
| 4 | | 14,16 | 14,15 | 19,21 | | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | |
| | 20,21 | | | 18,20 | 8,9.3 | |
| | 16,19 | | | | | |
| W6XTM9 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|------------|------------|------------|------------|
| W6ZF6M | Identifiler® Plus | | | | | |
| | | 20,25 | | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | | | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | | X,X | 10 |
| | 20,21 | | | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| W9ZZUR | PowerPlex® Fusion | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | NR | | | | |
| WBQH2C | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| WKUT83 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| WMD6A8 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | No Results | No Results | | |
| WP8YYP | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| WUEJWU | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | Not Tested |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | Not Tested | Not Tested | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | No Results | Not Tested | Not Tested | No Results | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | | |
|--------|----------------------|---------|-------|-----------|-------|-------|-------|
| XBYNJE | PowerPlex® Fusion 6C | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | | |
| XD7UD2 | GlobalFiler™ Express | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | | |
| XK7PC7 | PowerPlex® Fusion 6C | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | NR | NR | NR | | | |
| XR4WYF | PowerPlex® Fusion 6C | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | | |
| XTCDPY | GlobalFiler™ | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | | |
| XVPUFJ | PowerPlex® Fusion 6C | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | | |
| XY9GXB | GlobalFiler™ | | | | | | |
| | | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| | 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|-----------------------|-------|-----------|-------|-------|-------|
| Y783L6 | PowerPlex® 21 | | | | | |
| | 15.3,16 | 20,25 | | 14,15 | 10,12 | 12,13 |
| 4 | 9,12 | 14,16 | | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| YBZ8E9 | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| YJ9DXC | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| YKLV6N | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31.2,31.2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| YZGTC7 | PowerPlex® Fusion 6C | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| ZAZL6E | GlobalFiler™ (STRmix) | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |
| ZC9YMF | GlobalFiler™ | | | | | |
| | 15.3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31.2 | 11,15 | X | 10 |
| | 20,21 | | | 18,20 | 8,9.3 | 9,11 |
| | 16,19 | | | | | |

TABLE 1

| WebCode | Amplification Kits (Probabilistic Genotyping Software) | | | | | |
|---------|--|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | 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

| | | | | | | |
|--------|----------------------|------------|------------|------------|-------|-------|
| ZCBWBD | PowerPlex® Fusion 6C | | | | | |
| | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31,2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | 18,20 | 8,9,3 | 9,11 |
| | 16,19 | | | | | |
| ZJNDR8 | PowerPlex® Fusion 6C | | | | | |
| | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31,2,31,2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9,3 | 9,11 |
| | 16,19 | NR | NR | NR | | |
| ZPVHAD | PowerPlex® Fusion | | | | | |
| | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31,2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | | 8,9,3 | 9,11 |
| | 16,19 | NR | | | | |
| ZQ7KVC | PowerPlex® Fusion | | | | | |
| | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31,2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | | 8,9,3 | 9,11 |
| | 16,19 | NR | | | | |
| ZQKWRV | PowerPlex® Fusion 6C | | | | | |
| | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11,11 | 9,11 |
| | 14,18 | 13,15 | 31,2,31,2 | 11,15 | X,X | 10,10 |
| | 20,21 | 9,9 | 12,17 | 18,20 | 8,9,3 | 9,11 |
| | 16,19 | No Results | No Results | No Results | | |
| ZRJ34N | PowerPlex® Fusion | | | | | |
| | 15,3,16 | 20,25 | 11,14 | 14,15 | 10,12 | |
| 4 | 9,12 | 14,16 | 14,15 | 19,21 | 11 | 9,11 |
| | 14,18 | 13,15 | 31,2 | 11,15 | X | 10 |
| | 20,21 | 9 | 12,17 | | 8,9,3 | 9,11 |
| | 16,19 | NR | | | | |

YSTR Amplification Kit(s) & Results

TABLE 2

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|-----------|
| | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| Item | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | Y GATA H4 |

Item 1 - YSTR Results

| | | | | | | | | | |
|--------|--------------|----|----|----|----|----|----|----|----|
| 7YZ269 | Yfiler™ | | | | | | | | |
| 1 | [REDACTED] | | | | | | | | |
| 8YPDYU | Yfiler™ | | | | | | | | |
| 1 | [REDACTED] | | | | | | | | |
| 93TPWZ | Yfiler™ | | | | | | | | |
| 1 | [REDACTED] | | | | | | | | |
| 9GDVYA | Yfiler™ Plus | | | | | | | | |
| 1 | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| | NR | NR | | NR | NR | NR | NR | | NR |
| EXFX9U | Yfiler™ | | | | | | | | |
| 1 | [REDACTED] | | | | | | | | |
| Q7FERN | Yfiler™ | | | | | | | | |
| 1 | [REDACTED] | | | | | | | | |
| V3T2XG | Yfiler™ Plus | | | | | | | | |
| 1 | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| | NR | NR | | NR | NR | NR | NR | | NR |
| WABCGG | Yfiler™ | | | | | | | | |
| 1 | [REDACTED] | | | | | | | | |
| Y9PKJF | Yfiler™ | | | | | | | | |
| 1 | [REDACTED] | | | | | | | | |
| YBZ8E9 | Yfiler™ | | | | | | | | |
| 1 | [REDACTED] | | | | | | | | |

TABLE 2

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|-----------|
| | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| Item | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | Y GATA H4 |

Item 2 - YSTR Results

| | | | | | | | | | | |
|--------|---------|--|--|--|--|--|--|--|--|--|
| 7YZ269 | Yfiler™ | | | | | | | | | |
| 2 | | | | | | | | | | |

| | | | | | | | | | | |
|--------|---------|--|--|--|--|--|--|--|--|--|
| 93TPWZ | Yfiler™ | | | | | | | | | |
| 2 | | | | | | | | | | |

| | | | | | | | | | | |
|--------|--------------|----|----|----|----|----|----|----|----|--|
| 9GDVYA | Yfiler™ Plus | | | | | | | | | |
| | NR | NR | NR | NR | NR | NR | NR | NR | NR | |
| 2 | NR | NR | NR | NR | NR | NR | NR | NR | NR | |
| | NR | NR | NR | NR | NR | NR | NR | NR | NR | |

| | | | | | | | | | | |
|--------|---------|--|--|--|--|--|--|--|--|--|
| EXFX9U | Yfiler™ | | | | | | | | | |
| 2 | | | | | | | | | | |

| | | | | | | | | | | |
|--------|---------|--|--|--|--|--|--|--|--|--|
| Q7FERN | Yfiler™ | | | | | | | | | |
| 2 | | | | | | | | | | |

| | | | | | | | | | | |
|--------|--------------|----|----|----|----|----|----|----|----|--|
| V3T2XG | Yfiler™ Plus | | | | | | | | | |
| | NR | NR | NR | NR | NR | NR | NR | NR | NR | |
| 2 | NR | NR | NR | NR | NR | NR | NR | NR | NR | |
| | NR | NR | NR | NR | NR | NR | NR | NR | NR | |

| | | | | | | | | | | |
|--------|---------|--|--|--|--|--|--|--|--|--|
| WABCGG | Yfiler™ | | | | | | | | | |
| 2 | | | | | | | | | | |

| | | | | | | | | | | |
|--------|---------|--|--|--|--|--|--|--|--|--|
| Y9PKJF | Yfiler™ | | | | | | | | | |
| 2 | | | | | | | | | | |

| | | | | | | | | | | |
|--------|---------|--|--|--|--|--|--|--|--|--|
| YBZ8E9 | Yfiler™ | | | | | | | | | |
| 2 | | | | | | | | | | |

TABLE 2

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|-----------|
| | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| Item | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | Y GATA H4 |

Item 3 - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|-------|----|----|----|----|----|----|
| 2BPMQB | Yfiler™ Plus | | | | | | | | |
| | 35,36 | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| | 14 | 12 | 12 | 18 | 29 | 16 | 18 | 10 | 22 |
| 3 | 38 | 12 | | 19 | 17 | 23 | 25 | | 11 |
| 2J9DA3 | PowerPlex® Y 23 | | | | | | | | |
| | | ND | ND | ND | ND | ND | ND | ND | ND |
| | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 3 | | ND | ND | ND | ND | | ND | ND | ND |
| 2VZLV6 | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| | 14 | 12 | 12 | 18 | | 16 | 18 | | |
| 3 | | | | | | 25 | | | 11 |
| 2X4GE9 | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| | 14 | 12 | 12 | 18 | | 16 | 18 | | |
| 3 | | | | | | 25 | | | 11 |
| 36YPLK | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| | 14 | 12 | 12 | 18 | | 16 | 18 | | 22 |
| 3 | | 12 | 14 | 19 | 17 | | 25 | 10 | 11 |
| 3BKT4M | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| | 14 | 12 | 12 | 18 | | 16 | 18 | | 22 |
| 3 | | 12 | 14 | 19 | 17 | | 25 | 10 | 11 |
| 3GQKE7 | Yfiler™ | | | | | | | | |
| | - | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| | 14 | 12 | 12 | 18 | - | 16 | 18 | - | - |
| 3 | | - | - | - | - | - | 25 | - | 11 |
| 47PBRG | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| | 14 | 12 | 12 | 18 | | 16 | 18 | | |
| 3 | | | | | | 25 | | | 11 |
| 4CWPL | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| | 14 | 12 | 12 | 18 | | 16 | 18 | | |
| 3 | | | | | | 25 | | | 11 |
| 4QCYZN | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| | 14 | 12 | 12 | 18 | | 16 | 18 | | 22 |
| 3 | | 12 | 14 | 19 | 17 | | 25 | 10 | 11 |
| 4Z4QV9 | PowerPlex® Y 23 | | | | | | | | |
| | | NR | NR | NR | NR | NR | NR | NR | NR |
| | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 3 | | NR | NR | NR | NR | | NR | NR | NR |
| 62ARUD | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| | 14 | 12 | 12 | 18 | | 16 | 18 | | 22 |
| 3 | | 12 | 14 | 19 | 17 | | 25 | 10 | 11 |

TABLE 2

| WebCode | Amplification Kit | | | | | | | | | |
|------------------------------|-------------------|--------|--------|----------|-----------|--------|--------|--------|-----------|----|
| | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 | |
| Item | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 | |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | Y GATA H4 | |
| Item 3 - YSTR Results | | | | | | | | | | |
| 7BBTX4 | Yfiler™ | | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | | |
| | | | | | | | 25 | | | 11 |
| 7PYG62 | Yfiler™ | | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | | |
| | | | | | | | 25 | | | 11 |
| 86FJ2B | Yfiler™ | | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | | |
| | | | | | | | 25 | | | 11 |
| 8YPDYU | Yfiler™ | | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | | |
| | | | | | | | 25 | | | 11 |
| 93TPWZ | Yfiler™ | | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | | |
| | | | | | | | 25 | | | 11 |
| 9ARURJ | PowerPlex® Y 23 | | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | 22 | |
| | | 12 | 14 | 19 | 17 | | 25 | 10 | | 11 |
| 9CDTQZ | Yfiler™ | | | | | | | | | |
| | - | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | - | 16 | 18 | - | - | |
| | - | - | - | - | - | - | 25 | - | | 11 |
| 9GDVYA | Yfiler™ Plus | | | | | | | | | |
| | 35,36 | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | 29 | 16 | 18 | 10 | 22 | |
| | 38 | 12 | | 19 | 17 | 23 | 25 | | | 11 |
| 9LKD7P | PowerPlex® Y 23 | | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | 22 | |
| | | 12 | 14 | 19 | 17 | | 25 | 10 | | 11 |
| 9VDNH7 | Yfiler™ | | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | | |
| | | | | | | | 25 | | | 11 |
| 9XH3EC | Yfiler™ Plus | | | | | | | | | |
| | 35,36 | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | 29 | 16 | 18 | 10 | 22 | |
| | 38 | 12 | | 19 | 17 | 23 | 25 | | | 11 |
| 9ZR8RZ | Yfiler™ | | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | | |
| | | | | | | | 25 | | | 11 |

TABLE 2

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|-----------|
| | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| Item | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | Y GATA H4 |

Item 3 - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|-------|----|----|----|----|----|----|
| ACC7V8 | Yfiler™ Plus | | | | | | | | |
| | 35,36 | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | 29 | 16 | 18 | 10 | 22 |
| | 38 | 12 | | 19 | 17 | 23 | 25 | | 11 |
| AL6UZ4 | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | 22 |
| | | 12 | 14 | 19 | 17 | | 25 | 10 | 11 |
| BRKBUK | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | 22 |
| | | 12 | 14 | 19 | 17 | | 25 | 10 | 11 |
| BVLZ8R | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | 22 |
| | | 12 | 14 | 19 | 17 | | 25 | 10 | 11 |
| CRH2D8 | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | |
| | | | | | | | 25 | | 11 |
| CTT3Y7 | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | |
| | | | | | | | 25 | | 11 |
| D48HL6 | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | |
| | | | | | | | 25 | | 11 |
| DB9RRX | Yfiler™ Plus | | | | | | | | |
| | 35,36 | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | 29 | 16 | 18 | 10 | 22 |
| | 38 | 12 | | 19 | 17 | 23 | 25 | | 11 |
| DLAKEN | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | 22 |
| | | 12 | 14 | 19 | 17 | | 25 | 10 | 11 |
| DUZH9X | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | |
| | | | | | | | 25 | | 11 |
| DXLBCD | Yfiler™ Plus | | | | | | | | |
| | 35,36 | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | 29 | 16 | 18 | 10 | 22 |
| | 38 | 12 | | 19 | 17 | 23 | 25 | | 11 |
| EXFX9U | Yfiler™ | | | | | | | | |
| | | | | 14 | | | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | |
| | | | | | | | 25 | | 11 |

TABLE 2

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|-----------|
| | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| Item | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | Y GATA H4 |

Item 3 - YSTR Results

| | | | | | | | | | |
|--------|-----------------|-----|-------|-----|-----|-----|----|-----|-----|
| EZ2E63 | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| | 3 | 14 | 12 | 12 | 18 | 16 | 18 | | 11 |
| | | | | | | | 25 | | |
| FGQWLA | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| | 3 | 14 | 12 | 12 | 18 | 16 | 18 | | 22 |
| | | 12 | 14 | 19 | 17 | | 25 | 10 | 11 |
| FLWHJF | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| | 3 | 14 | 12 | 12 | 18 | 16 | 18 | | 22 |
| | | 12 | 14 | 19 | 17 | | 25 | 10 | 11 |
| GQN4RU | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| | 3 | 14 | 12 | 12 | 18 | 16 | 18 | | 11 |
| | | | | | | | 25 | | |
| GX98YW | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| | 3 | 14 | 12 | 12 | 18 | 16 | 18 | | 11 |
| | | | | | | | 25 | | |
| GYKYUX | Yfiler™ | | | | | | | | |
| | N/A | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| | 3 | 14 | 12 | 12 | 18 | N/A | 16 | 18 | N/A |
| | N/A | N/A | N/A | N/A | N/A | N/A | 25 | N/A | 11 |
| GZ9KCN | Yfiler™ Plus | | | | | | | | |
| | 35,36 | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| | 3 | 14 | 12 | 12 | 18 | 29 | 16 | 18 | 10 |
| | 38 | 12 | | 19 | 17 | 23 | 25 | | 11 |
| H3482X | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| | 3 | 14 | 12 | 12 | 18 | 16 | 18 | | 11 |
| | | | | | | | 25 | | |
| H8EGR8 | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| | 3 | 14 | 12 | 12 | 18 | 16 | 18 | | 22 |
| | | 12 | 14 | 19 | 17 | | 25 | 10 | 11 |
| HAL6GQ | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| | 3 | 14 | 12 | 12 | 18 | 16 | 18 | | 22 |
| | | 12 | 14 | 19 | 17 | | 25 | 10 | 11 |
| HK3BGU | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| | 3 | 14 | 12 | 12 | 18 | 16 | 18 | | 11 |
| | | | | | | | 25 | | |
| J9GVHJ | | | | | | | | | |
| | 35,36 | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| | 3 | 14 | 12 | 12 | 18 | 29 | 16 | 18 | 10 |
| | 38 | 12 | | 19 | 17 | 23 | 25 | | 11 |

TABLE 2

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|-----------|
| | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| Item | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | Y GATA H4 |

Item 3 - YSTR Results

| | | | | | | | | | |
|--------|-----------------|----|-------|----|----|----|----|----|----|
| JETLJ7 | Yfiler™ Plus | | | | | | | | |
| | 35,36 | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | 29 | 16 | 18 | 10 | 22 |
| | 38 | 12 | | 19 | 17 | 23 | 25 | | 11 |
| JGUHYZ | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | 22 |
| | | | | | | | 25 | | 11 |
| JM6A2R | PowerPlex® Y 23 | | | | | | | | |
| | | ND | ND | ND | ND | ND | ND | ND | ND |
| 3 | ND | ND | ND | ND | | ND | ND | | ND |
| | | ND | ND | ND | ND | | ND | ND | ND |
| KUDKUX | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | 22 |
| | | | | | | | 25 | | 11 |
| L77Q22 | Yfiler™ Plus | | | | | | | | |
| | 35,36 | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | 29 | 16 | 18 | 10 | 22 |
| | 38 | 12 | | 19 | 17 | 23 | 25 | | 11 |
| LVL2KG | Yfiler™ Plus | | | | | | | | |
| | 35,36 | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | 29 | 16 | 18 | 10 | 22 |
| | 38 | 12 | | 19 | 17 | 23 | 25 | | 11 |
| MJUXNU | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | 22 |
| | | | | | | | 25 | | 11 |
| MTUPYF | Yfiler™ Plus | | | | | | | | |
| | 35,36 | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | 29 | 16 | 18 | 10 | 22 |
| | 38 | 12 | | 19 | 17 | 23 | 25 | | 11 |
| MY89E3 | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | 22 |
| | | 12 | 14 | 19 | 17 | | 25 | 10 | 11 |
| N7Z4RQ | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | 22 |
| | | | | | | | 25 | | 11 |
| N8BFEE | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | 22 |
| | | | | | | | 25 | | 11 |
| P3C3W3 | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | 22 |
| | | | | | | | 25 | | 11 |

TABLE 2

| WebCode | Amplification Kit | | | | | | | | | |
|------------------------------|-------------------|--------|--------|----------|-----------|--------|--------|--------|-----------|-----|
| | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 | |
| Item | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 | |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | Y GATA H4 | |
| Item 3 - YSTR Results | | | | | | | | | | |
| PPWWCP | Yfiler™ | | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | | |
| | | | | | | | 25 | | | 11 |
| QELXTD | Yfiler™ | | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | | |
| | | | | | | | 25 | | | 11 |
| QN8YAM | Yfiler™ | | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | | |
| | | | | | | | 25 | | | 11 |
| QW2PPA | PowerPlex® Y 23 | | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | | 22 |
| | | 12 | 14 | 19 | 17 | | 25 | 10 | | 11 |
| QYVCKL | PowerPlex® Y 23 | | | | | | | | | |
| | | bdl | inc | bdl | bdl | bdl | 11 | bdl | bdl | |
| 3 | bdl | bdl | bdl | bdl | | bdl | bdl | | | 22 |
| | | bdl | bdl | bdl | bdl | | bdl | bdl | | bdl |
| RCBWGK | PowerPlex® Y 23 | | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | | 22 |
| | | 12 | 14 | 19 | 17 | | 25 | 10 | | 11 |
| RW48FZ | PowerPlex® Y 23 | | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | | 22 |
| | | 12 | 14 | 19 | 17 | | 25 | 10 | | 11 |
| T6RDTX | Yfiler™ Plus | | | | | | | | | |
| | 35,36 | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | 29 | 16 | 18 | 10 | | 22 |
| | 38 | 12 | | 19 | 17 | 23 | 25 | | | 11 |
| TY6H4M | Yfiler™ | | | | | | | | | |
| | N/A | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | N/A | 16 | 18 | N/A | N/A | |
| | N/A | N/A | N/A | N/A | N/A | N/A | 25 | N/A | | 11 |
| TZY6HC | Yfiler™ | | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | | |
| | | | | | | | 25 | | | 11 |
| URFLBH | Yfiler™ | | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | | |
| | | | | | | | 25 | | | 11 |
| VBM9FM | Yfiler™ | | | | | | | | | |
| | - | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | - | 16 | 18 | - | - | |
| | - | - | - | - | - | - | 25 | - | - | 11 |

TABLE 2

| WebCode | Amplification Kit | | | | | | | | |
|------------------------------|-------------------|--------|--------|----------|-----------|--------|--------|--------|-----------|
| | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| Item | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | Y GATA H4 |
| Item 3 - YSTR Results | | | | | | | | | |
| VFN8YR | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | 22 |
| | | 12 | 14 | 19 | 17 | | 25 | 10 | 11 |
| VJ6EEE | Yfiler™ | | | | | | | | |
| | - | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | - | 16 | 18 | - | - |
| | - | - | - | - | - | - | 25 | - | 11 |
| W4LDT9 | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | |
| | | | | | | | 25 | | 11 |
| W6XTM9 | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | |
| | | | | | | | 25 | | 11 |
| W6ZF6M | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | |
| | | | | | | | 25 | | 11 |
| W9ZZUR | Yfiler™ Plus | | | | | | | | |
| | 35,36 | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | 29 | 16 | 18 | 10 | 22 |
| | 38 | 12 | | 19 | 17 | 23 | 25 | | 11 |
| XBYNJE | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | |
| | | | | | | | 25 | | 11 |
| XK7PC7 | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | |
| | | | | | | | 25 | | 11 |
| XR4WYF | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | |
| | | | | | | | 25 | | 11 |
| XTCDPY | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | |
| | | | | | | | 25 | | 11 |
| YBZ8E9 | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | |
| | | | | | | | 25 | | 11 |
| YJ9DXC | Yfiler™ | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | |
| | | | | | | | 25 | | 11 |

TABLE 2

| WebCode | Amplification Kit | | | | | | | | | |
|------------------------------|-------------------|--------|--------|----------|-----------|--------|--------|--------|-----------|--|
| | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 | |
| Item | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 | |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | Y GATA H4 | |
| Item 3 - YSTR Results | | | | | | | | | | |
| YKLV6N | PowerPlex® Y 23 | | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | 22 | |
| | | 12 | 14 | 19 | 17 | | 25 | 10 | 11 | |
| YZGTC7 | Yfiler™ Plus | | | | | | | | | |
| | 35,36 | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | 29 | 16 | 18 | 10 | 22 | |
| | 38 | 12 | | 19 | 17 | 23 | 25 | | 11 | |
| ZJNDR8 | Yfiler™ | | | | | | | | | |
| | | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | | 16 | 18 | | | |
| | | | | | | | 25 | | 11 | |
| ZPVHAD | Yfiler™ Plus | | | | | | | | | |
| | 35,36 | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | 29 | 16 | 18 | 10 | 22 | |
| | 38 | 12 | | 19 | 17 | 23 | 25 | | 11 | |
| ZQ7KVC | Yfiler™ Plus | | | | | | | | | |
| | 35,36 | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | 29 | 16 | 18 | 10 | 22 | |
| | 38 | 12 | | 19 | 17 | 23 | 25 | | 11 | |
| ZRJ34N | Yfiler™ Plus | | | | | | | | | |
| | 35,36 | 14 | 11,14 | 14 | 30 | 24 | 11 | 13 | 14 | |
| 3 | 14 | 12 | 12 | 18 | 29 | 16 | 18 | 10 | 22 | |
| | 38 | 12 | | 19 | 17 | 23 | 25 | | 11 | |

TABLE 2

| 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 | Y GATA H4 |

Item 4 - YSTR Results

| | | | | | | | | | |
|--------|-----------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 2BPMQB | Yfiler™ Plus | | | | | | | | |
| | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 4 | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| | NR | NR | | NR | NR | NR | NR | | NR |
| 4CVPL | Yfiler™ | | | | | | | | |
| | | No Results | No Results | No Results | No Results | No Results | No Results | No Results | No Results |
| 4 | No Results | No Results | No Results | No Results | | No Results | No Results | | No Results |
| | | | | | | | No Results | | No Results |
| 4Z4QV9 | PowerPlex® Y 23 | | | | | | | | |
| | | NR | NR | NR | NR | NR | NR | NR | NR |
| 4 | NR | NR | NR | NR | | NR | NR | | NR |
| | | NR | NR | NR | NR | | NR | NR | NR |
| 8ZQMB6 | PowerPlex® Y 23 | | | | | | | | |
| | | ND | ND | ND | ND | ND | ND | ND | ND |
| 4 | ND | ND | ND | ND | | ND | ND | | ND |
| | | ND | ND | ND | ND | | ND | ND | ND |
| 93TPWZ | Yfiler™ | | | | | | | | |
| 4 | | | | | | | | | |
| 9GDVYA | Yfiler™ Plus | | | | | | | | |
| | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 4 | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| | NR | NR | | NR | NR | NR | NR | | NR |
| 9ZR8RZ | Yfiler™ | | | | | | | | |
| | | NR | NR | NR | NR | NR | NR | NR | NR |
| 4 | NR | NR | NR | NR | | NR | NR | | NR |
| | | | | | | | NR | | NR |
| DB9RRX | Yfiler™ Plus | | | | | | | | |
| | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 4 | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| | NR | NR | | NR | NR | NR | NR | | NR |
| DXLBCD | Yfiler™ Plus | | | | | | | | |
| | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 4 | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| | NR | NR | | NR | NR | NR | NR | | NR |
| EXFX9U | Yfiler™ | | | | | | | | |
| 4 | | | | | | | | | |
| JETLJ7 | Yfiler™ Plus | | | | | | | | |
| | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 4 | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| | NR | NR | | NR | NR | NR | NR | | NR |
| JM6A2R | PowerPlex® Y 23 | | | | | | | | |
| | | ND | ND | ND | ND | ND | ND | ND | ND |
| 4 | ND | ND | ND | ND | | ND | ND | | ND |
| | | ND | ND | ND | ND | | ND | ND | ND |

TABLE 2

| WebCode | Amplification Kit | | | | | | | | |
|---------|-------------------|--------|--------|----------|-----------|--------|--------|--------|-----------|
| | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| Item | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | Y GATA H4 |

Item 4 - YSTR Results

| | | | | | | | | | |
|--------|--------------|----|----|----|----|----|----|----|----|
| T6RDTX | Yfiler™ Plus | | | | | | | | |
| | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 4 | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| | NR | NR | | NR | NR | NR | NR | | NR |
| W9ZZUR | Yfiler™ Plus | | | | | | | | |
| | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 4 | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| | NR | NR | | NR | NR | NR | NR | | NR |
| YBZ8E9 | Yfiler™ | | | | | | | | |
| 4 | | | | | | | | | |
| YJ9DXC | Yfiler™ | | | | | | | | |
| | | NR | NR | NR | NR | NR | NR | NR | NR |
| 4 | NR | NR | NR | NR | | NR | NR | | NR |
| | | | | | | | NR | | NR |
| ZPVHAD | Yfiler™ Plus | | | | | | | | |
| | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 4 | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| | NR | NR | | NR | NR | NR | NR | | NR |
| ZQ7KVC | Yfiler™ Plus | | | | | | | | |
| | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 4 | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| | NR | NR | | NR | NR | NR | NR | | NR |
| ZRJ34N | Yfiler™ Plus | | | | | | | | |
| | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| 4 | NR | NR | NR | NR | NR | NR | NR | NR | NR |
| | NR | NR | | NR | NR | NR | NR | | NR |

Additional DNA Results

TABLE 3

| Locus | WebCode | Item 1 | Item 2 | Item 3 | Item 3e | Item 3sp | Item 4 | Item 4e | Item 4sp |
|--------------|----------------|---------------|---------------|---------------|----------------|-----------------|---------------|----------------|-----------------|
| QS1 | 3H9XBB | Q | Q | | | | | | |
| | 4MUAMJ | Q | Q | | | | | | |
| | 9CK4Z7 | Q | Q | | | | | | |
| | G8WGJ6 | Q | Q | | | | | | |
| | QTMVBX | Q | Q | | | | | | |
| | T3793R | Q | Q | | | | | | |
| | WABCGG | Q | Q | | | | | | |
| | XR82BP | Q | Q | | | | | | |
| QS2 | 3H9XBB | S | S | | | | | | |
| | 4MUAMJ | S | S | | | | | | |
| | 9CK4Z7 | S | S | | | | | | |
| | G8WGJ6 | S | S | | | | | | |
| | QTMVBX | S | S | | | | | | |
| | T3793R | S | S | | | | | | |
| | WABCGG | S | S | | | | | | |
| | XR82BP | S | S | | | | | | |

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 4

| 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 |
| 2BPMQB | No | Yes | No | No | 62ARUD | No | Yes | No | No |
| 2ECU7J | No | Yes | No | No | 64BEBG | No | Yes | No | No |
| 2J9DA3 | Inc | Yes | Inc | No | 69VK7C | No | Yes | No | No |
| 2M2697 | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | 6FEQ66 | No | Yes | No | No |
| 2P7XZJ | No | Yes | No | No | 6RJ7PE | No | Yes | No | No |
| 2VZLV6 | No | Yes | No | No | 7BBTX4 | No | Yes | No | No |
| 2WPWLX | No | Yes | No | No | 7PYG62 | No | Yes | No | No |
| 2X4GE9 | No | Yes | No | No | 7YZ269 | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| 36YPLK | No | Yes | No | No | 84PKKR | No | Yes | No | No |
| 3BKT4M | No | Yes | No | No | 86FJ2B | No | Yes | No | No |
| 3GEAU2 | No | Yes | No | No | 8JLNF4 | No | Yes | No | No |
| 3GQKE7 | No | Yes | No | No | 8NBCL9 | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| 3H9XBB | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | 8YPDYU | No | Yes | No | No |
| 42BNQW | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | 8ZQMB6 | Inc | Yes | Inc | No |
| 42RZ8G | No | Yes | No | No | 93TPWZ | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| 47PBRG | No | Yes | No | No | 98G7T7 | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| 4CVPL | No | Yes | No | No | 9ARURJ | No | Yes | No | No |
| 4MUAMJ | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | 9CDTQZ | No | Yes | No | No |
| 4QCYZN | No | Yes | No | No | 9CK4Z7 | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| 4Z4QV9 | Inc | Yes | Inc | No | 9GDVYA | No | Yes | No | No |

TABLE 4

| 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 |
| 9LKD7P | No | Yes | No | No | D48HL6 | No | Yes | No | No |
| 9ME8V8 | No | Yes | No | No | DB9RRX | No | Yes | No | No |
| 9VDNH7 | No | Yes | No | No | Ddffkm | No | Yes | No | No |
| 9XH3EC | No | Yes | No | No | DLAKEN | No | Yes | No | No |
| 9ZR8RZ | No | Yes | No | No | DM4YU9 | No | Yes | No | No |
| ACC7V8 | No | Yes | No | No | DUZH9X | No | Yes | No | No |
| AGKN2M | No | Yes | No | No | DXLBCD | No | Yes | No | No |
| AJBMH7 | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | E4LURU | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| AL6UZ4 | No | Yes | No | No | E7EHEV | No | Yes | No | No |
| AZKMEG | No | Yes | No | No | EJXKX3 | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| B9N6ZJ | No | Yes | No | No | ERRD3T | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| BG4M27 | No | Yes | No | No | EX4NDV | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| BRKBUK | No | Yes | No | No | EXFX9U | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| BVLZ8R | No | Yes | No | No | EZ2E63 | No | Yes | No | No |
| C6MJN8 | No | Yes | No | No | FCXTUR | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| C8AJ2M | No | Yes | No | No | FGQWLA | No | Yes | No | No |
| CA2HH7 | No | Yes | No | No | FH2L32 | No | Yes | No | No |
| CKKKQ9 | No Interp | No Interp | No Interp | No Interp | FJWAGQ | No | Yes | No | No |
| CRH2D8 | No | Yes | No | No | FLWHJF | No | Yes | No | No |
| CTT3Y7 | No | Yes | No | No | FXBENJ | No | Yes | No | No |
| CX32TK | No | Yes | No | No | G8WGI6 | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |

TABLE 4

| 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 |
| GDNN2D | No | Yes | No | No | JLMR2L | No | Yes | No | No |
| GQN4RU | No | Yes | No | No | JM6A2R | Inc | Yes | Inc | No |
| GWYZUH | No | Yes | No | No | KABF6N | No | Yes | No | No |
| GX98YW | No | Yes | No | No | KKBN7F | No | Yes | No | No |
| GYKYUX | No | Yes | No | No | KLLAHG | No | Yes | No | No |
| GZ9KCN | No | Yes | No | No | KMF49Y | No | Yes | No | No |
| H3482X | No | Yes | No | No | KNCBN6 | No | Yes | No | No |
| H7HTL6 | No | Yes | No | No | KP76DM | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| H8EGR8 | No | Yes | No | No | KUDKUX | No | Yes | No | No |
| HAL6GQ | No | Yes | No | No | L6R4PE | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| HCK3QC | No | Yes | No | No | L77Q22 | No | Yes | No | No |
| HEVT8T | No | Yes | No | No | LQF7JY | No | Yes | No | No |
| HHCCZB | No | Yes | No | No | LT79PM | No | Yes | No | No |
| HJQM6U | No | Yes | No | No | LVL2KG | No | Yes | No | No |
| HK3BGU | No | Yes | No | No | M8D698 | No | Yes | No | No |
| HPU4LM | No | Yes | No | No | MAK2QV | No | Yes | No | No |
| J3QGXJ | No | Yes | No | No | MBYB3G | No | Yes | No | No |
| J9GVHJ | No | Yes | No | No | MJUXNU | No | Yes | No | No |
| JETLJ7 | No | Yes | No | No | MTUPYF | No | Yes | No | No |
| JGUHYZ | No | Yes | No | No | MY89E3 | No | Yes | No | No |
| JJXF2F | No | Yes | No | No | N4DG66 | No | Yes | No | No |

TABLE 4

| 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 |
| N7Z4RQ | No | Yes | No | No | RD8A3R | No | Yes | No | No |
| N8BFEE | No | Yes | No | No | RFYMWQ | No | Yes | No | No |
| NLCH9N | No | Yes | No | No | RNPDB7 | No | Yes | No | No |
| NPTXAF | No | Yes | No | No | RW48FZ | No | Yes | No | No |
| NRJZF4 | No | Yes | No | No | RXCB2B | No | Yes | No | No |
| P3C3W3 | No | Yes | No | No | T3793R | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| P3Y69L | No | Yes | No | No | T3ZDK2 | No | Yes | No | No |
| PEBXTR | No | Yes | No | No | T6RDTX | No | Yes | No | No |
| PPVWCP | No | Yes | No | No | TTJACM | No | Yes | No | No |
| PQ4ZVE | No | Yes | No | No | TXTVDL | No | Yes | No | No |
| PUGX42 | No | Yes | No | No | TY6H4M | No | Yes | No | No |
| Q42RUN | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | TZY6HC | No | Yes | No | No |
| Q7FERN | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | UCPACU | No | Yes | No | No |
| QELXTD | No | Yes | No | No | URFLBH | No | Yes | No | No |
| QN8YAM | No | Yes | No | No | V3T2XG | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| QTMVBX | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | VBM9FM | No | Yes | No | No |
| QUJBL9 | No | Yes | No | No | VC3HFE | No | Yes | No | No |
| QW2PPA | No | Yes | No | No | VE4FV9 | No | Yes | No | No |
| QYVCKL | Inc | Yes | Inc | No | VFN8YR | No | Yes | No | No |
| R2ARD6 | No | Yes | No | No | VJ6EEE | No | Yes | No | No |
| RCBWGK | No | Yes | No | No | W4LDT9 | No | Yes | No | No |

TABLE 4

| 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 |
| W6JF8C | No | Yes | No | No | YBZ8E9 | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| W6XTM9 | No | Yes | No | No | YJ9DXC | No | Yes | No | No |
| W6ZF6M | No | Yes | No | No | YKLV6N | No | Yes | No | No |
| W9ZZUR | No | Yes | No | No | YZGTC7 | No | Yes | No | No |
| WABCGG | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | ZAZL6E | No | Yes | No | No |
| WBQH2C | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | ZC9YMF | No | Yes | No | No |
| WKUT83 | No | Yes | No | No | ZCBWBD | No | Yes | No | No |
| WMD6A8 | No | Yes | No | No | ZJNDR8 | No | Yes | No | No |
| WP8YYP | No | Yes | No | No | ZPVHAD | No | Yes | No | No |
| WRNHR7 | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | ZQ7KVC | No | Yes | No | No |
| WUEJWU | No | Yes | No | No | ZQKWRV | No | Yes | No | No |
| XBYNJE | No | Yes | No | No | ZRJ34N | No | Yes | No | No |
| XD7UD2 | No | Yes | No | No | | | | | |
| XK7PC7 | No | Yes | No | No | | | | | |
| XR4WYF | No | Yes | No | No | | | | | |
| XR82BP | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | | | | | |
| XTCDPY | No | Yes | No | No | | | | | |
| XVPUFJ | No | Yes | No | No | | | | | |
| XY9GXB | No | Yes | No | No | | | | | |
| Y783L6 | No | Yes | No | No | | | | | |
| Y9PKJF | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | | | | | |

DNA Interpretation**Response Summary****Participants reporting DNA results: 199**

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)?

| | Victim (Item 1) | | Suspect (Item 2) | |
|-------------------|-----------------|---------------|------------------|---------------|
| | <u>Item 3</u> | <u>Item 4</u> | <u>Item 3</u> | <u>Item 4</u> |
| Yes | 0 | 168 | 0 | 0 |
| No | 163 | 0 | 163 | 168 |
| Inc | 5 | 0 | 5 | 0 |
| No Interpretation | 1 | 1 | 1 | 1 |
| No Response | 0 | 0 | 0 | 0 |

Participants analyzing DNA for database purposes only: 30

Additional Comments

TABLE 5

| WebCode | Additional Comments |
|---------|--|
| 2BPMQB | NR=No results |
| 2J9DA3 | The extract from cuttings of Items 3 and 4 were tested for the presence of human blood using the ABACard HemaTrace test. Human blood was detected on both Items. NOTE: the HemaTrace test is known to cross-react with some species of the Mustelidae family and with higher primates. "ND" (=No Data) was entered for loci that were tested but produced no alleles above analytical threshold. Fusion and Y23 were attempted on Item 3 but no DNA profiles were obtained, so "ND" (=No Data) was entered for every locus. |
| 3GQKE7 | Extraction: Item 1 and Item 2 were extracted using in-situ method. Item 3 and 4 were extracted using chelex extraction method. Quantification: Item 3 and Item 4 were quantified using ABI Quantifiler Human DNA Quantification Kit on ABI QuantStudio 5 Real-Time PCR System. Amplification: Item 1 and Item 2 were amplified using GlobalFiler Express on ABI Proflex PCR System. Item 3 and Item 4 were amplified using AmpFLSTR Identifiler Plus PCR Amplification Kit (in the midst of validating the GlobalFiler Casework Amplification Kit) on ABI GeneAmp PCR System 9700. 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 and Item 2 (GlobalFiler Express) while Item 3 and Item 4 (Identifiler Plus Kit). Electrophoresis were carried out on ABI 3130xL Genetic Analyzer for Item 3 (Y-Filer Kit). Quality Control: Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. |
| 4QCYZN | Results are entered only for GlobalFiler loci as casework reporting is using GlobalFiler. PowerPlex Fusion 6C is used only for allele verification. |
| 4Z4QV9 | NR= No result. |
| 7PYG62 | NR = No Results |
| 8YPDYU | A male DNA profile was obtained in the sample identified as Item 3, this profile does not match any of the reference samples (Item 1 and 2). |
| 8ZQMB6 | ND = no data obtained. Item 3 was extracted twice and found not to have any quantifiable DNA in either extracts or dilutions of those extracts. Item 3 was also amplified in Fusion with a range of concentrations. No DNA profile obtained from any of these amplified products for Item 3. |
| 9CDTQZ | Extraction; Item 1 and Item 2 extracted using in-situ method. Item 3 and Item 4 extracted using Chelex method. Quantification: Item 3 and Item 4 quantified using ABI Quantifiler Human DNA Quantification Kit on ABI QuantStudio 5 Real-Time PCR System. Amplification; Item 1 and Item 2 amplified using Globalfiler Express Amplification Kit on ABI Proflex PCR System. Item 3 and Item 4 amplified using AmpFLSTR Identifiler Plus PCR Amplification Kit (in the midst of validating Globalfiler Casework Amplification Kit) and Item 3 was further amplified using AmpFLSTR Yfiler PCR Amplification Kit on GeneAmp PCR System 9700. Electrophoresis; Electrophoresis carried out on ABI 3500xL Genetic Analyzer for Item 1, Item 2, Item 3 and Item 4 (Globalfiler Express and Identifiler Plus Kit). Electrophoresis were carried out on ABI 3130xL Genetic Analyzer for Item 3 (Y-Filer Kit). Quality Control; Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave expected results. |
| 9GDVYA | NR = No Results |
| 9ZR8RZ | Y-STR not performed on Items 1 and 2 because they are female reference samples. Yfiler results for Item 4 are NR-No Results. Quantifiler Trio results gave a very low T.Y value of .36 picograms per microliter which is why Y-STR analysis was performed. |
| B9N6ZJ | A differential extraction was performed on Item 3. The DNA profile obtained from the epithelial fraction was the reported fraction. The same donor was obtained in the non-reported fraction (sperm fraction). A differential extraction was performed on Item 4. The DNA profile obtained from the epithelial fraction was the reported fraction. The same donor was obtained in the non-reported fraction (sperm fraction). |

TABLE 5

| WebCode | Additional Comments |
|---------|---|
| D48HL6 | 1. Item 1, Item 2, Item 3 and Item 4 were extracted using Chelex extraction method. 2. Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Human DNA Quantifiler Kit on the Applied Biosystem Real Time Polymerase Chain Reaction (PCR) 7500 System. 3. Item 1, Item 2, Item 3 and Item 4 were amplified using AmpFLSTR Identifiler Plus PCR Amplification Kit on 9700 GeneAmp PCR System. Y-STR (Y-Short Tandem Repeat) amplification was carried out on Item 3 using AmpFLSTR Y-filer PCR Amplification kit on the 9700 GeneAmp PCR System. 4. Electrophoresis was carried out on the Applied Biosystems 3500 Genetic Analyser with GeneMapper ID-X Software for Item 1, Item 2, Item 3 and Item 4. 5. Reagent blank, positive control and negative control were analysed throughout the analysis and all gave the intended results. |
| DB9RRX | NR = No Results |
| DLAKEN | In sample 3-1, a minor allele (13 @ CSF) was the only indication of a mixture. |
| DXLBCD | NR = No Results |
| EXFX9U | Item 3 was consumed with only partial Y-STR results obtained. No further testing can be done. |
| FGQWLA | Results are entered only for GlobalFiler loci as casework reporting is on GlobalFiler loci. PowerPlex Fusion 6C is used only for allele verification. |
| FLWHJF | Differential extraction was performed on Items 3 and 4. In both items, the epithelial fraction produced the most information and was reported. The unreported sperm fraction of each item produced alleles consistent with their epithelial fraction counterparts. |
| H8EGR8 | Results are entered only for GlobalFiler loci as casework reporting is on GlobalFiler loci. PowerPlex Fusion 6C is used only for allele verification. |
| JETLJ7 | NR indicates no results |
| JM6A2R | Sample 3 yielded an inconclusive HemaTrace result initially. The sample was diluted and a positive HemaTrace result was obtained. The sample was then quantified and analyzed yielding no profiles. This is an atypical result for a sample such as this (heavy red brown stain which tests positive with a HemaTrace kit). Please note that ND = no data obtained |
| KLLAHG | [Name] performed analysis and wrote the report section for the references samples only. [Name] performed analysis and wrote the report section for the evidence samples. |
| N8BFEE | NR = No Result |
| QYVCKL | inc = inconclusive. bdl = below detection limit. nd = no data |
| RW48FZ | Results are entered only for GlobalFiler loci as casework reporting is on GlobalFiler loci. PowerPlex Fusion 6C is used only for allele verification. |
| T6RDTX | NR: No Results |
| V3T2XG | NR = No Results |
| VBM9FM | Extraction: Item 1 and Item 2 were extracted using in-situ method while Item 3 and Item 4 were extracted using Chelex method. Quantification: Item 3 and Item 4 were quantified using ABI Quantifiler Human DNA Quantification Kit on ABI QuantStudio 5 Real-Time PCR System. Amplification: Item 1 and Item 2 were amplified using GlobalFiler Express Kit on ABI Proflex PCR System . Item 3 and Item 4 were amplified using AmpFLSTR Identifiler Plus PCR Amplification Kit (in the midst of validating the GlobalFiler Casework Amplification Kit) on ABI GeneAmp PCR System 9700. Y-STR Amplification was carried out on Item 3 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 and Item 2 (GlobalFiler Express), Item 3 and Item 4 (Identifiler Plus). Electrophoresis were carried out on ABI 3130xL Genetic Analyzer for Item 3 (Y-Filer). Quality Control: Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. |
| VE4FV9 | Differential extractions were performed on Items 3 & 4. Data from the epithelial fraction (EF) for Items 3 & 4 were reported. Due to the limited data obtained from the sperm fraction (SF) of Items 3 & 4, no conclusions can be made on the partial profiles. |

TABLE 5

| WebCode | Additional Comments |
|---------|--|
| VJ6EEE | Extraction : Item 1 and Item 2 were extracted using in-situ method. Item 3 and Item 4 were extracted using chelex method. Quantification : Item 3 and Item 4 were quantified using ABI Quantifiler Human DNA Quantification kit on ABI QuantStudio 5 Real-Time PCR System. Amplification : Item 1 and Item 2 were amplified using GlobalFiler Express on ABI Proflex PCR System. Item 3 and Item 4 were amplified using AmpFLSTR Identifiler Plus PCR Amplification Kit (in the midst of validating the GlobalFiler Casework Amplification Kit) on ABI GeneAmp PCR System 9700. Item 3 was 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 and Item 2 (GlobalFiler Express) while Item 3 and Item 4 (Identifiler Plus Kit). Electrophoresis was carried out on ABI 3130xl Genetic Analyzer for Item 3 (YFiler Kit). Quality Control : Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. |
| W6JF8C | Both questioned stains in item 3 and 4 tested positive for blood using Leucomalachite green test (LM). |
| W6ZF6M | Extraction: Item 1 and Item 2 were extracted using in-situ method while Item 3 and Item 4 were extracted using the Chelex extraction method. Quantification: Item 3 and Item 4 were quantified using the Quantifiler Human DNA Quantification kit on the Applied Biosystem Real Time Polymerase Chain Reaction (PCR) 7500 system. Amplification: Item 1 and Item 2 were amplified using the AmpFISTR Identifiler Direct PCR Amplification kit while Item 3 and Item 4 were amplified using the AmpFISTR Identifiler Plus PCR Amplification kit on the 9700 GeneAmp PCR System. Y-STR (Y-Short Tandem Repeat) amplification was carried out on Item 3 using the AmpFISTR Y-filer PCR Amplification kit on the 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis was carried out on the Applied Biosystems 3500xl Genetic Analyzer with GeneMapper ID-X Software for Item 1 and Item 2 (Identifiler Direct) ,Item 3 and Item 4 (Identifiler Plus). Electrophoresis for Y-Filer was carried out on the Applied Biosystems 3500xl Genetic Analyzer with GeneMapper ID-X Software for Item 3. Quality Control: Reagent blank, positive control and negative control were carried out throughout the analysis and all gave intended results. |
| W9ZZUR | "NR" is defined as "No Results" |
| XK7PC7 | NR = No Result |
| XTCDPY | mRMP ITEM 1 = 1.56E+30. mRMP ITEM 2 = 6.00E+30. mRMP ITEM 3 = 1.07E+32 |
| YJ9DXC | NR = No Reaction |
| YZGTC7 | Item 3: inconclusive '20' allele at Penta E--possible high n+5 stutter |
| ZJNDR8 | NR = No Result |
| ZPVHAD | NR = No Results |
| ZQ7KVC | NR = No results |
| ZQKWRV | A differential extraction was performed on Item 3 and Item 4. The partial profile for the non-reported fraction for Item 3 and Item 4 were the same donor as in the reported fractions. |
| ZRJ34N | NR= No Results |

-End of Report-
(Appendix may follow)

Test No. 19-5805: DNA-Blood

DATA MUST BE SUBMITTED BY **Nov. 4, 2019, 11:59 p.m.** TO BE INCLUDED IN THE REPORT

Participant Code: U1234D

WebCode: 6AKUET

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 the assault of a female victim. The victim claims she was outside of a bar smoking when another woman came outside and asked her for a cigarette. When she refused the other woman began to yell and started slapping the victim. The woman grabbed a broken bottle and began threatening the victim when a male bystander intervened and broke up the altercation. Investigators are submitting a stain from the suspect's skirt (Item 3) and a stain from the victim's shirt (Item 4). Screening has been performed on both samples with the following results: Item 3 (skirt) and Item 4 (shirt) are positive for blood. Also collected were known blood samples from the female victim (Item 1) and the female suspect (Item 2). The male bystander could not be located to obtain a known sample.

Items Submitted (Sample Pack S5):

Item 1: Known blood from the female victim

Item 2: Known blood from the female suspect

Item 3: Questioned blood stain from suspect's skirt (brown)

Item 4: Questioned blood stain from victim's shirt (off-white)

Part I (continued): DNA Analysis - Additional DNA

- Use this section to report results for loci not currently listed in other sections of the data sheet.
- Report alleles in numerical order, separated by a comma.
- If your laboratory policy is to indicate minor or weaker alleles, please enclose them within brackets [].
- Click "Add Row" to show another row of boxes for entry.

| Locus | Item 1 | Item 2 | Item 3 | Item 4 |
|-------|--------|--------|--------|--------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |

Part II: 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"/> |
| No | | <input type="radio"/> | <input type="radio"/> | No | <input type="radio"/> |
| Inconclusive | | <input type="radio"/> | <input type="radio"/> | Inconclusive | <input type="radio"/> |
| No Interpretation | | <input type="radio"/> | <input type="radio"/> | No Interpretation | <input type="radio"/> |

DNA interpretations not reported; samples analyzed for database purposes only:

Part III: 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)