



DNA - Blood Test No. 14-585 Summary Report

This proficiency test was sent to 286 participants. Each participant received a sample pack consisting of two known bloodstains and two questioned stains which they were requested to analyze using their existing protocols. Data were returned from 231 participants (81% response rate) and are compiled into the following tables:

| | <u>Page</u> |
|---|----------------------------|
| <u>Manufacturer's Information</u> | <u>2</u> |
| <u>Summary Comments</u> | <u>4</u> |
| <u>Table 1: Amplification Kit(s) & STR Results</u> | <u>5</u> |
| <u>Table 2: Amplification Kit(s) & YSTR Results</u> | <u>99</u> |
| <u>Table 3: Additional DNA Results</u> | <u>125</u> |
| <u>Table 4: DNA Interpretations</u> | <u>126</u> |
| <u>Table 5: Additional Comments</u> | <u>132</u> |
| <u>Appendix: Data Sheet</u> | <u>134</u> |

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, mint green material (Item 3) and one on clean, cream material with vine pattern (Item 4). Participants were requested to analyze these items using their existing protocols.

SAMPLE PREPARATION: All stains were prepared from human whole blood which was either drawn into citric acid preservative bloodbank bags or EDTA tubes. Item 1 (75 μ l) was created using blood collected from a female and Item 3 (50 μ l) was created using blood collected from a different female donor. Items 2 (75 μ l) and 4 (50 μ l) were created using blood collected from the same 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 2, 2014 following receipt of predistribution results.

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

VERIFICATION: Laboratories that conducted predistribution analysis of the samples reported consistent results and associations.

Amelogenin and STR Results

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

| Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|-------------|--|--|---|--|---|--|
| 1 | 15.3,16 10,13 16,16.2 12,12 | 20,24 13,14 28,28 5,12 | 14,14 18,22 15,16 27.2,28.2 | 14,15 11,14 X,X 9.3,9.3 | 10,11 11,13 11,12 9,11 | 9,12 10,15 23,23 16,17 |
| 2 | 11,15 10,15 14,16 9,12 | 17,21 13,16 31.2,31.2 11,18 | 10,11 16,23 15,16 18,29.2 | 14,15 8,12 X,Y 7,9 | 12,12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| 3 | 14,18.3 13,14 13,13 5,8 | 19,21 12,14 30,32.2 10,13 | 12,12 18,19 11,16 16,29.2 | 15,17 11,11 X,X 7,8 | 10,12 10,11 12,12 8,11 | 8,10 14,16 21,22 16,17 |
| 4 | 11,15 10,15 14,16 9,12 | 17,21 13,16 31.2,31.2 11,18 | 10,11 16,23 15,16 18,29.2 | 14,15 8,12 X,Y 7,9 | 12,12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |

YSTR Results

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

| Item | DYS19 DYS437 DYS549 | DYS385 DYS438 DYS570 | DYS389-I DYS439 DYS576 | DYS389-II DYS448 DYS635 | DYS390 DYS456 DYS643 | DYS391 DYS458 Y GATA H4 | DYS392 DYS481 Y Indel | DYS393 DYS533 |
|-------------|------------------------------------|-------------------------------------|---------------------------------------|--|-------------------------------------|--|--------------------------------------|--------------------------|
| 2 | 14 14 12 | 11,13 12 17 | 13 12 18 | 29 18 23 | 25 17 10 | 11 17 12 | 14 27 * | 13 13 |
| 4 | 14 14 12 | 11,13 12 17 | 13 12 18 | 29 18 23 | 25 17 10 | 11 17 12 | 14 27 * | 13 13 |

* Results were not received from a minimum of 10 participants for the YSTR locus indicated.

Summary Comments

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

Of the 231 responding, 182 participants reported DNA interpretations. All of these participants excluded the victim (Item 1) as a possible contributor to the Item 3 stain and Item 4 stain. Additionally all responding participants, excluded the suspect (Item 2) as a possible contributor to the Item 3 stain and included the suspect (Item 2) as a possible contributor to the Item 4 stain.

Three participants reported allelic results that were inconsistent with the consensus/predistribution results. Two participants reported an additional "16" at locus D8S1179 for Item 4 and one participant reported inconsistent alleles at two loci.

STR Results

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 1

| | | | | | | | |
|--------|--|---------|-------|-----------|---------|-------|-------|
| 2629JX | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| 2BLYYL | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| 2CMWVG | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| 2FF3YX | <i>Investigator ESSPlex Plus</i> | | | | | | |
| | 1 | 15.3,16 | 20,24 | 14 | 14,15 | | |
| | | 10,13 | 13,14 | 18,22 | | 11,13 | 10,15 |
| | | 16,16.2 | 28 | 15,16 | X | | 23 |
| | | | | | 9.3 | | 16,17 |
| 2JH9CH | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| 2NVE6Q | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| 2T4869 | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| 34YX3L | <i>Identifiler® Direct, PowerPlex® ESX17</i> | | | | | | |
| | 1 | 15.3,16 | 20,24 | 14,14 | 14,15 | 10,11 | 9,12 |
| | | 10,13 | 13,14 | 18,22 | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | 15,16 | X,X | 11,12 | 23,23 |
| | | | | 27.2,28.2 | 9.3,9.3 | 9,11 | 16,17 |
| 3864ZF | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------------|--|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
| Item 1 | | | | | | | |
| 3A8NLE | Qiagen Investigator IDplex Plus Kit | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| 3BKXGD | Identifiler® Plus | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| 3JVMAY | PowerPlex® PowerPlex® 16, PowerPlex® 16 HS | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9.3,9.3 | 9,11 | 16,17 |
| 3PNPFJ | Identifiler® | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| 3V8TKZ | Identifiler® Direct | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X,X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| 42U394 | PowerPlex® PP16 | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9.3,9.3 | 9,11 | 16,17 |
| 46CU4J | Identifiler® | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| 46U9RF | PowerPlex® 18D | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9.3,9.3 | 9,11 | 16,17 |
| 49C3EL | Identifiler® | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------------|-------------------------------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
| Item 1 | | | | | | | |
| 49TMCK | <i>Identifiler® Direct</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| 49URX2 | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| 4A6V8J | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| 4DMLNV | <i>Identifiler® & ID+</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| 4J8EMT | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| 4MAHQV | <i>PowerPlex® 16</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9.3,9.3 | 9,11 | 16,17 |
| 4R4EEM | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| 4TFQ2B | <i>PowerPlex® Fusion</i> | | | | | | |
| | 1 | 15.3,16 | 20,24 | 14 | 14,15 | 10,11 | 9,12 |
| | | 10,13 | 13,14 | 18,22 | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | 15,16 | X | 11,12 | 23 |
| | | 12 | 5,12 | | 9.3 | 9,11 | 16,17 |
| 68V7K2 | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------------|---------------------------------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
| Item 1 | | | | | | | |
| 68WQ63 | PowerPlex® 16 HS | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9.3,9.3 | 9,11 | 16,17 |
| 6LBWCV | Identifiler® , Identifiler Plus | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| 6LEFYX | Identifiler® Direct | | | | | | |
| | 1 | - | 20,24 | - | 14,15 | 10,11 | 9,12 |
| | | 10,13 | - | - | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | - | X,X | 11,12 | 23 |
| | | - | - | - | 9.3 | 9,11 | 16,17 |
| 6RNGK2 | Identifiler® | | | | | | |
| | 1 | N/A | 20,24 | N/A | 14,15 | 10,11 | 9,12 |
| | | 10,13 | N/A | N/A | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | N/A | X,X | 11,12 | 23,23 |
| | | N/A | N/A | N/A | 9.3,9.3 | 9,11 | 16,17 |
| 6TYRK8 | Identifiler® Plus | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| 6YL6EM | Identifiler® Plus | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| 72N288 | Identifiler® Plus | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| 72ZWPT | Identifiler® | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| 76KQNE | Identifiler® | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 1

| | | | | | | | |
|--------|------------------------------|---------|-------|-----------|---------|-------|-------|
| 7BQGVQ | GlobalFiler Express | | | | | | |
| | 1 | 15.3,16 | 20,24 | 14,14 | 14,15 | 10,11 | 9,12 |
| | | 10,13 | 13,14 | 18,22 | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | 15,16 | X,X | 11,12 | 23,23 |
| | | | | 27.2,28.2 | 9.3,9.3 | 9,11 | 16,17 |
| 7GD8DF | Identifiler® Direct | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| 7LT3BK | Identifiler® Plus | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| 7ZRLVB | Identifiler® Plus | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| 82H84R | Identifiler® | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| 83BM7V | Identifiler® Direct | | | | | | |
| | 1 | - | 20,24 | - | 14,15 | 10,11 | 9,12 |
| | | 10,13 | - | - | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | - | X,X | 11,12 | 23 |
| | | - | - | - | 9.3 | 9,11 | 16,17 |
| 8DCNQ8 | Identifiler® Plus | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| 8G8C8E | Identifiler® | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| 8H3VB2 | Identifiler® Plus, MiniFiler | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------------|----------------------------------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
| Item 1 | | | | | | | |
| 8U4QMY | <i>Identifiler®</i> | | | | | | |
| | 1 | N/A | 20,24 | N/A | 14,15 | 10,11 | 9,12 |
| | | 10,13 | N/A | N/A | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | N/A | X,X | 11,12 | 23,23 |
| | | N/A | N/A | N/A | 9.3,9.3 | 9,11 | 16,17 |
| 8YUX8R | <i>PowerPlex® 16</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9.3,9.3 | 9,11 | 16,17 |
| 943E3E | <i>PowerPlex® 16</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28 | | X | 11,12 | 23 |
| | | 12 | 5,12 | | 9.3 | 9,11 | 16,17 |
| 96HQM6 | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| 96XL26 | <i>PowerPlex® Fusion, ESX 17</i> | | | | | | |
| | 1 | 15.3,16 | 20,24 | 14,14 | 14,15 | 10,11 | 9,12 |
| | | 10,13 | 13,14 | 18,22 | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | 15,16 | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | 27.2,28.2 | 9.3,9.3 | 9,11 | 16,17 |
| 97QPZY | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| 9GNT28 | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| 9KAZEW | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| 9L7FRU | <i>PowerPlex® 16, 16 HS</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9.3,9.3 | 9,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------------|---|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
| Item 1 | | | | | | | |
| 9QDE87 | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| 9WK3PD | <i>PowerPlex® 16</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28 | | X | 11,12 | 23 |
| | | 12 | 5,12 | | 9.3 | 9,11 | 16,17 |
| 9WK6EH | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| 9Z36RD | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| 9ZHNEV | <i>Identifiler® Plus, MiniFiler</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| 9ZMEWU | <i>Identifiler® , PowerPlex® 16, MiniFiler</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9.3,9.3 | 9,11 | 16,17 |
| A847MK | <i>COfiler® and Profiler Plus®, Identifiler® , MF</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| AF9QTE | <i>PowerPlex® 16 Hot Start</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9.3,9.3 | 9,11 | 16,17 |
| ALH84N | <i>GlobalFiler Express</i> | | | | | | |
| | 1 | 15.3,16 | 20,24 | 14,14 | 14,15 | 10,11 | 9,12 |
| | | 10,13 | 13,14 | 18,22 | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | 15,16 | X,X | 11,12 | 23,23 |
| | | | | 27.2,28.2 | 9.3,9.3 | 9,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------------|----------------------------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
| Item 1 | | | | | | | |
| AY77VQ | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| B9P62L | <i>GlobalFiler Express</i> | | | | | | |
| | 1 | 15.3,16 | 20,24 | 14,14 | 14,15 | 10,11 | 9,12 |
| | | 10,13 | 13,14 | 18,22 | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | 15,16 | X,X | 11,12 | 23,23 |
| | | | | 27.2,28.2 | 9.3,9.3 | 9,11 | 16,17 |
| BAGZLA | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| BAZP8B | <i>Identifiler® Direct</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| BHFTCB | <i>PowerPlex® 18D</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9.3,9.3 | 9,11 | 16,17 |
| BKK7L3 | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| BKLEZB | <i>PowerPlex® 16</i> | | | | | | |
| | 1 | N/A | N/A | N/A | 14,15 | 10,11 | 9,12 |
| | | 10,13 | N/A | N/A | 11,14 | 11,13 | 10,15 |
| | | N/A | 28,28 | N/A | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | N/A | 9.3,9.3 | 9,11 | 16,17 |
| BTFJTC | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| BWGXMA | <i>PowerPlex® 16</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28 | | X | 11,12 | 23 |
| | | 12 | 5,12 | | 9.3 | 9,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------------|--------------------------------------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
| Item 1 | | | | | | | |
| BYXMMD | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| BZF274 | <i>PowerPlex® Fusion, NGM SElect</i> | | | | | | |
| | 1 | 15.3,16 | 20,24 | 14,14 | 14,15 | 10,11 | 9,12 |
| | | 10,13 | 13,14 | 18,22 | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | 15,16 | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | 27.2,28.2 | 9.3,9.3 | 9,11 | 16,17 |
| C3XKND | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| C7HCXU | <i>Identifiler®</i> | | | | | | |
| | 1 | N/A | 20,24 | N/A | 14,15 | 10,11 | 9,12 |
| | | 10,13 | N/A | N/A | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | N/A | X,X | 11,12 | 23,23 |
| | | N/A | N/A | N/A | 9.3,9.3 | 9,11 | 16,17 |
| C7JUQ4 | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| CF3DZ3 | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| CGYTCY | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| CKVHT7 | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| CLQ2WT | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------------|-------------------------------|--|--|--|--|-------------------------------------|---------------------------------|
| Item 1 | | | | | | | |
| CMJR38 | <i>Identifiler®</i> | | | | | | |
| | 1 | not tested 10,13 16,16.2 not tested | 20,24 not tested 28,28 not tested | not tested not tested not tested not tested | 14,15 11,14 X,X 9.3,9.3 | 10,11 11,13 11,12 9,11 | 9,12 10,15 23,23 16,17 |
| CITZEA | <i>PowerPlex® 21</i> | | | | | | |
| | 1 | 15.3,16 10,13 16,16.2 12,12 | 20,24 28,28 5,12 | 18,22 | 14,15 11,14 X,X 9.3,9.3 | 10,11 11,13 11,12 9,11 | 9,12 10,15 23,23 16,17 |
| DFGZDB | <i>PowerPlex® 16</i> | | | | | | |
| | 1 | 10,13 12 | 28 5,12 | | 14,15 11,14 X 9.3 | 10,11 11,13 11,12 9,11 | 9,12 10,15 23 16,17 |
| DKCQL8 | <i>PowerPlex® 16</i> | | | | | | |
| | 1 | 10,13 12 | 28 5,12 | | 14,15 11,14 X 9.3 | 10,11 11,13 11,12 9,11 | 9,12 10,15 23 16,17 |
| DP7QWW | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | 10,13 16,16.2 | 20,24 28,28 | | 14,15 11,14 X,X 9.3,9.3 | 10,11 11,13 11,12 9,11 | 9,12 10,15 23,23 16,17 |
| E9FZKZ | <i>Identifiler®</i> | | | | | | |
| | 1 | 10,13 16,16.2 | 20,24 28,28 | | 14,15 11,14 X,X 9.3,9.3 | 10,11 11,13 11,12 9,11 | 9,12 10,15 23,23 16,17 |
| EJD787 | <i>PowerPlex® 16</i> | | | | | | |
| | 1 | 10,13 12 | 28 5,12 | | 14,15 11,14 X 9.3 | 10,11 11,13 11,12 9,11 | 9,12 10,15 23 16,17 |
| EMXMED | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | 10,13 16,16.2 | 20,24 28,28 | | 14,15 11,14 X,X 9.3,9.3 | 10,11 11,13 11,12 9,11 | 9,12 10,15 23,23 16,17 |
| ENRNM3 | <i>Identifiler® Plus[sic]</i> | | | | | | |
| | 1 | 10,13 16,16.2 | 20,24 28 | | 14,15 11,14 X 9.3 | 10,11 11,13 11,12 9,11 | 9,12 10,15 23 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------------|--|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
| Item 1 | | | | | | | |
| EVNFVW | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| EW3XY3 | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| F36BDC | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| F8JEDA | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| FAJEZ6 | <i>PowerPlex® 16 HS, ESI 17 Pro</i> | | | | | | |
| | 1 | 15.3,16 | 20,24 | 14 | 14,15 | 10,11 | 9,12 |
| | | 10,13 | 13,14 | 18,22 | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | 15,16 | X | 11,12 | 23 |
| | | 12 | 5,12 | 27.2,28.2 | 9.3 | 9,11 | 16,17 |
| FB2BQJ | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| FG2VN9 | <i>COfiler® and Profiler Plus® for D13 locus, PowerPlex® 16 HS</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9.3,9.3 | 9,11 | 16,17 |
| FLY3FX | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| FR9VG3 | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------------|--|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
| Item 1 | | | | | | | |
| FZYJBK | <i>PowerPlex® 16, HS</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9.3,9.3 | 9,11 | 16,17 |
| G2CX9Y | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| GN4PF3 | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| GTDEMV | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| GY3M2G | <i>Identifiler®, Identifiler Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| H278DZ | <i>Identifiler® Plus, PowerPlex® 16 HS, FUSION, NGMS</i> | | | | | | |
| | 1 | 15.3,16 | 20,24 | 14 | 14,15 | 10,11 | 9,12 |
| | | 10,13 | 13,14 | 18,22 | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | 15,16 | X | 11,12 | 23 |
| | | 12 | 5,12 | 27.2,28.2 | 9.3 | 9,11 | 16,17 |
| H8UM8Y | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| HB9X84 | <i>PowerPlex® 18D</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9.3,9.3 | 9,11 | 16,17 |
| HBA6G4 | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------------|--|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
| Item 1 | | | | | | | |
| HDERWT | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| HKXJD2 | <i>PowerPlex® PowerPlex®18D</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9.3,9.3 | 9,11 | 16,17 |
| HNYNQL | <i>Identifiler®</i> | | | | | | |
| | 1 | N/A | 20,24 | N/A | 14,15 | 10,11 | 9,12 |
| | | 10,13 | N/A | N/A | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | N/A | X,X | 11,12 | 23,23 |
| | | N/A | N/A | N/A | 9.3,9.3 | 9,11 | 16,17 |
| HRFL83 | <i>Identifiler® Plus, PowerPlex® 16 HS, ESI17</i> | | | | | | |
| | 1 | 15.3,16 | 20,24 | 14 | 14,15 | 10,11 | 9,12 |
| | | 10,13 | 13,14 | 18,22 | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | 15,16 | X | 11,12 | 23 |
| | | 12 | 5,12 | 27.2,28.2 | 9.3 | 9,11 | 16,17 |
| HRHJTE | <i>COfiler® and Profiler Plus®</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | | 10,15 |
| | | | 28,28 | | X,X | | 23,23 |
| | | | | | | | 16,17 |
| HU9PCP | <i>Identifiler® Plus, PowerPlex® 16, MiniFiler</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9.3,9.3 | 9,11 | 16,17 |
| HWPKYV | <i>Identifiler® Plus, MiniFiler</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| J3CULY | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| J48DPK | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 1

| | | | | | | | |
|--------|--|---------|-------|-----------|---------|-------|-------|
| J4PEGU | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| JCYN32 | <i>PowerPlex® 16</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28 | | X | 11,12 | 23 |
| | | 12 | 5,12 | | 9.3 | 9,11 | 16,17 |
| JGYUMY | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| JKEWG6 | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| JLR4Q6 | <i>Identifiler® Direct, PowerPlex® ESX17</i> | | | | | | |
| | 1 | 15.3,16 | 20,24 | 14,14 | 14,15 | 10,11 | 9,12 |
| | | 10,13 | 13,14 | 18,22 | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | 15,16 | X,X | 11,12 | 23,23 |
| | | | | 27.2,28.2 | 9.3,9.3 | 9,11 | 16,17 |
| JW6V7L | <i>PowerPlex® 21</i> | | | | | | |
| | 1 | 15.3,16 | 20,24 | - | 14,15 | 10,11 | 9,12 |
| | | 10,13 | - | 18,22 | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | - | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | - | 9.3,9.3 | 9,11 | 16,17 |
| JYBN9D | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| K9GF69 | <i>Identifiler® , Identifiler Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| KE3DVG | <i>PowerPlex® 16 and PowerPlex® 16 HS</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9.3,9.3 | 9,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------------|---|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
| Item 1 | | | | | | | |
| KEJZEC | <i>PowerPlex® Fusion</i> | | | | | | |
| | 1 | 15.3,16 | 20,24 | 14 | 14,15 | 10,11 | 9,12 |
| | | 10,13 | 13,14 | 18,22 | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | 15,16 | X | 11,12 | 23 |
| | | 12 | 5,12 | | 9.3 | 9,11 | 16,17 |
| KFGXHZ | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| KFT7DY | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| KL4M4V | <i>PowerPlex® Fusion, ESX 17</i> | | | | | | |
| | 1 | 15.3,16 | 20,24 | 14,14 | 14,15 | 10,11 | 9,12 |
| | | 10,13 | 13,14 | 18,22 | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | 15,16 | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | 27.2,28.2 | 9.3,9.3 | 9,11 | 16,17 |
| KMULZK | <i>Identifiler® Plus, MiniFiler</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| KXETYA | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| L7LG4F | <i>PowerPlex® 16 HS</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9.3,9.3 | 9,11 | 16,17 |
| LBYS63 | <i>Identifiler® Direct, PowerPlex® ESX 17</i> | | | | | | |
| | 1 | 15.3,16 | 20,24 | 14,14 | 14,15 | 10,11 | 9,12 |
| | | 10,13 | 13,14 | 18,22 | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | 15,16 | X,X | 11,12 | 23,23 |
| | | | | 27.2,28.2 | 9.3,9.3 | 9,11 | 16,17 |
| LPZTUK | <i>PowerPlex® 16, 16 HS</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9.3,9.3 | 9,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------------|--|--|--|---------------------------------------|--|-------------------------------------|---------------------------------|
| Item 1 | | | | | | | |
| LVMJH2 | <i>Identifiler® , PowerPlex® 21, GlobalFiler</i> | | | | | | |
| | 1 | 15.3,16 10,13 16,16.2 12 | 20,24 13,14 28 5,12 | 14 18,22 15,16 27.2,28.2 | 14,15 11,14 X 9.3 | 10,11 11,13 11,12 9,11 | 9,12 10,15 23 16,17 |
| M4FDT4 | <i>Identifiler® Identifiler Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 11,14 X,X 9.3,9.3 | 10,11 11,13 11,12 9,11 | 9,12 10,15 23,23 16,17 |
| M6P2RH | <i>Identifiler®</i> | | | | | | |
| | 1 | N/A 10,13 16,16.2 N/A | 20,24 N/A 28,28 N/A | N/A N/A N/A N/A | 14,15 11,14 X,X 9.3,9.3 | 10,11 11,13 11,12 9,11 | 9,12 10,15 23,23 16,17 |
| M8TL43 | <i>PowerPlex® Fusion</i> | | | | | | |
| | 1 | 15.3,16 10,13 16,16.2 12,12 | 20,24 13,14 28,28 5,12 | 14,14 18,22 15,16 | 14,15 11,14 X,X 9.3,9.3 | 10,11 11,13 11,12 9,11 | 9,12 10,15 23,23 16,17 |
| MD3CLV | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 11,14 X,X 9.3,9.3 | 10,11 11,13 11,12 9,11 | 9,12 10,15 23,23 16,17 |
| MJR2BR | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 11,14 X 9.3 | 10,11 11,13 11,12 9,11 | 9,12 10,15 23 16,17 |
| MK37MV | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 11,14 X 9.3 | 10,11 11,13 11,12 9,11 | 9,12 10,15 23 16,17 |
| MLXPQG | <i>Identifiler® Plus, MiniFiler</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 11,14 X,X 9.3,9.3 | 10,11 11,13 11,12 9,11 | 9,12 10,15 23,23 16,17 |
| MVHLKB | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 11,14 X,X 9.3,9.3 | 10,11 11,13 11,12 9,11 | 9,12 10,15 23,23 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------------|-------------------------------------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
| Item 1 | | | | | | | |
| N2N3MN | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9,3,9,3 | 9,11 | 16,17 |
| N6MTZB | <i>PowerPlex® 16 HS</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9,3,9,3 | 9,11 | 16,17 |
| NFNN8Y | <i>PowerPlex® 16</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28 | | X | 11,12 | 23 |
| | | 12 | 5,12 | | 9,3 | 9,11 | 16,17 |
| NJZYVM | <i>Identifiler® Plus, MiniFiler</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9,3,9,3 | 9,11 | 16,17 |
| NRXGGQ | <i>PowerPlex® PP21</i> | | | | | | |
| | 1 | 15,3,16 | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | 18,22 | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9,3,9,3 | 9,11 | 16,17 |
| P2XGKH | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9,3,9,3 | 9,11 | 16,17 |
| P3CZ8Z | <i>PowerPlex® FUSION</i> | | | | | | |
| | 1 | 15,3,16 | 20,24 | 14 | 14,15 | 10,11 | 9,12 |
| | | 10,13 | 13,14 | 18,22 | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | 15,16 | X | 11,12 | 23 |
| | | 12 | 5,12 | | 9,3 | 9,11 | 16,17 |
| P7F7Z9 | <i>Profiler Plus</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | | 10,15 |
| | | | 28,28 | | X,X | | 23,23 |
| | | | | | | | 16,17 |
| PC3Q8U | <i>PowerPlex® 18D</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9,3,9,3 | 9,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------------|--------------------------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
| Item 1 | | | | | | | |
| PE6R77 | <i>Profiler Plus</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | | 10,15 |
| | | | 28,28 | | X,X | | 23,23 |
| | | | | | | | 16,17 |
| PJG8L3 | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| PX2G2Z | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| PX3PDK | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | - | 20,24 | - | 14,15 | 10,11 | 9,12 |
| | | 10,13 | - | - | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | - | X,X | 11,12 | 23,23 |
| | | - | - | - | 9.3,9.3 | 9,11 | 16,17 |
| QL2G99 | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| QPMT27 | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| R69TAG | <i>PowerPlex® 16 HS</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9.3,9.3 | 9,11 | 16,17 |
| RA7RQE | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| RCAKMX | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------------|---|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
| Item 1 | | | | | | | |
| RDQ4MH | <i>PowerPlex® 16 HS</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9,3,9,3 | 9,11 | 16,17 |
| RTX3RF | <i>Identifiler®</i> | | | | | | |
| | 1 | n/a | 20,24 | n/a | 14,15 | 10,11 | 9,12 |
| | | 10,13 | n/a | n/a | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | n/a | X,X | 11,12 | 23,23 |
| | | n/a | n/a | n/a | 9,3,9,3 | 9,11 | 16,17 |
| RUBAYV | <i>Identifiler® Direct</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9,3 | 9,11 | 16,17 |
| RUX24W | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9,3,9,3 | 9,11 | 16,17 |
| RW2WMY | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9,3,9,3 | 9,11 | 16,17 |
| T6PA3P | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9,3,9,3 | 9,11 | 16,17 |
| TC4MRT | <i>PowerPlex® 16</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28 | | X | 11,12 | 23 |
| | | 12 | 5,12 | | 9,3 | 9,11 | 16,17 |
| TC7M3A | <i>Identifiler® Plus, PowerPlex® 16</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9,3,9,3 | 9,11 | 16,17 |
| TDHMY4 | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9,3,9,3 | 9,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------------|---|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
| Item 1 | | | | | | | |
| TF7JGM | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| TQBGJ6 | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| TRHVPB | <i>IDPlus, MiniFiler</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| TU939M | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| TWWYRU | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| TXBQVP | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| U4P44M | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| U7VL7P | <i>Identifiler® , PowerPlex® , NGM SElect</i> | | | | | | |
| | 1 | | 20,24 | 14 | 14,15 | 10,11 | 9,12 |
| | | 10,13 | 13,14 | 17.3,22 | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | 15,16 | X | 11,12 | 23 |
| | | 12 | 5,12 | 27.2,28.2 | 9.3 | 9,11 | 16,17 |
| UCK78J | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 1

| | | | | | | | |
|--------|-------------------------------------|---------|-------|-----------|---------|-------|-------|
| UJ4YDW | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | 20,24 | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| UNXQNE | <i>2 home made multiplexes</i> | | | | | | |
| | 1 | 15.3,16 | | 14,14 | 14,15 | 10,11 | 9,12 |
| | | 10,13 | 13,14 | 18,22 | 11,14 | 11,13 | 10,15 |
| | | | 28,28 | 15,16 | X,X | | 23,23 |
| | | | | 27.2,28.2 | 9.3,9.3 | 9,11 | 16,17 |
| UPDX8B | <i>Identifiler®</i> | | | | | | |
| | 1 | N/A | 20,24 | N/A | 14,15 | 10,11 | 9,12 |
| | | 10,13 | N/A | N/A | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | N/A | X,X | 11,12 | 23,23 |
| | | N/A | N/A | N/A | 9.3,9.3 | 9,11 | 16,17 |
| UPTCFK | <i>PowerPlex® Fusion, ESI17 Pro</i> | | | | | | |
| | 1 | 15.3,16 | 20,24 | 14,14 | 14,15 | 10,11 | 9,12 |
| | | 10,13 | 13,14 | 18,22 | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | 15,16 | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | 27.2,28.2 | 9.3,9.3 | 9,11 | 16,17 |
| UX8ZC8 | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | 20,24 | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| UXNR8P | <i>Identifiler®</i> | | | | | | |
| | 1 | 20,24 | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| V7AZZY | <i>Profiler Plus</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | | 10,15 |
| | | | 28,28 | | X,X | | 23,23 |
| | | | | | | | 16,17 |
| V8LAY4 | <i>Identifiler®</i> | | | | | | |
| | 1 | - | 20,24 | - | 14,15 | 10,11 | 9,12 |
| | | 10,13 | - | - | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | - | X | 11,12 | 23 |
| | | - | - | - | 9.3 | 9,11 | 16,17 |
| VB643W | <i>Identifiler®</i> | | | | | | |
| | 1 | 20,24 | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------------|----------------------------------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
| Item 1 | | | | | | | |
| VCH4DT | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| VQLZHT | <i>PowerPlex® 16</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28 | | X | 11,12 | 23 |
| | | 12 | 5,12 | | 9.3 | 9,11 | 16,17 |
| VUJL6P | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| YYCKNQ | <i>PowerPlex® 16</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28 | | X | 11,12 | 23 |
| | | 12 | 5,12 | | 9.3 | 9,11 | 16,17 |
| W2D6MB | <i>Identifiler® Direct</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| W2GZL4 | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| W443JH | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| W8JU9P | <i>PowerPlex® PowerPlex® 21</i> | | | | | | |
| | 1 | 15.3,16 | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | 18,22 | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9.3,9.3 | 9,11 | 16,17 |
| WDRP2K | <i>PowerPlex® FUSION, ESI 17</i> | | | | | | |
| | 1 | 15.3,16 | 20,24 | 14,14 | 14,15 | 10,11 | 9,12 |
| | | 10,13 | 13,14 | 18,22 | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | 15,16 | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | 27.2,28.2 | 9.3,9.3 | 9,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 1

| | | | | | | | | |
|--------|--------------------------------|---------|-------|-----------|---------|-------|-------|--|
| WDYKX | <i>Identifiler® Plus</i> | | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 | |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 | |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 | |
| | | | | 9,3,9,3 | 9,11 | 16,17 | | |
| WFT7GF | <i>Identifiler® Plus</i> | | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 | |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 | |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 | |
| | | | | 9,3,9,3 | 9,11 | 16,17 | | |
| WNN9KD | <i>Identifiler® Plus</i> | | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 | |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 | |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 | |
| | | | | 9,3,9,3 | 9,11 | 16,17 | | |
| WWJ9Z6 | <i>Identifiler®</i> | | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 | |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 | |
| | | 16,16.2 | 28 | | X | 11,12 | 23 | |
| | | | | 9,3 | 9,11 | 16,17 | | |
| WZ6H4J | <i>PowerPlex® Fusion, ES17</i> | | | | | | | |
| | 1 | 15,3,16 | 20,24 | 14,14 | 14,15 | 10,11 | 9,12 | |
| | | 10,13 | 13,14 | 18,22 | 11,14 | 11,13 | 10,15 | |
| | | 16,16.2 | 28,28 | 15,16 | X,X | 11,12 | 23,23 | |
| | | 12,12 | 5,12 | 27,2,28,2 | 9,3,9,3 | 9,11 | 16,17 | |
| X6QX7V | <i>Profiler Plus</i> | | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 | |
| | | 10,13 | | | 11,14 | | 10,15 | |
| | | | 28,28 | | X,X | | 23,23 | |
| | | | | | | 16,17 | | |
| X8FET4 | <i>Identifiler®</i> | | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 | |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 | |
| | | 16,16.2 | 28 | | X | 11,12 | 23 | |
| | | | | 9,3 | 9,11 | 16,17 | | |
| XCDNTQ | <i>Identifiler® Plus</i> | | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 | |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 | |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 | |
| | | | | 9,3,9,3 | 9,11 | 16,17 | | |
| XCTD8H | <i>Identifiler® Plus</i> | | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 | |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 | |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 | |
| | | | | 9,3,9,3 | 9,11 | 16,17 | | |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------------|---|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
| Item 1 | | | | | | | |
| XG4VDK | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| XLYP9Z | <i>COfiler® and Profiler Plus®, Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| XLZJUR | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| XZVFYN | <i>Identifiler® Direct</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| Y4VCEP | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| Y4VE39 | <i>Identifiler® Plus, PowerPlex® 16</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9.3,9.3 | 9,11 | 16,17 |
| Y4YLYF | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| Y66JFX | <i>COfiler® and Profiler Plus®</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | | 10,15 |
| | | | 28,28 | | X,X | | 23,23 |
| | | | | | | | 16,17 |
| Y68LAN | <i>COfiler® and Profiler Plus®, PowerPlex® 16 HS</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9.3,9.3 | 9,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------------|----------------------------------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
| Item 1 | | | | | | | |
| YFRKV8 | <i>Identifiler®</i> | | | | | | |
| | 1 | N/A | 20,24 | N/A | 14,15 | 10,11 | 9,12 |
| | | 10,13 | N/A | N/A | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | N/A | X,X | 11,12 | 23,23 |
| | | N/A | N/A | N/A | 9.3,9.3 | 9,11 | 16,17 |
| YK3329 | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| YRKCRP | <i>PowerPlex® Fusion</i> | | | | | | |
| | 1 | 15.3,16 | 20,24 | 14 | 14,15 | 10,11 | 9,12 |
| | | 10,13 | 13,14 | 18,22 | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | 15,16 | X | 11,12 | 23 |
| | | 12 | 5,12 | | 9.3 | 9,11 | 16,17 |
| YTE6KN | <i>Identifiler® Direct</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| YU7NH3 | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| YUB966 | <i>Identifiler® Direct</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X,X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| YVY9V7 | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| YZT7KX | <i>PowerPlex® Fusion Direct</i> | | | | | | |
| | 1 | 15.3,16 | 20,24 | 14 | 14,15 | 10,11 | 9,12 |
| | | 10,13 | 13,14 | 18,22 | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | 15,16 | X,X | 11,12 | 23 |
| | | 12 | 5,12 | | 9.3 | 9,11 | 16,17 |
| Z24X4K | <i>PowerPlex® PowerPlex® 18D</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9.3,9.3 | 9,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 1

| | | | | | | | |
|--------|--------------------------|---------|-------|---|---------|-------|-------|
| ZETYG7 | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |
| ZKZ4UZ | <i>PowerPlex® 16, HS</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28,28 | | X,X | 11,12 | 23,23 |
| | | 12,12 | 5,12 | | 9.3,9.3 | 9,11 | 16,17 |
| ZPQ9CN | <i>PowerPlex® 16</i> | | | | | | |
| | 1 | | | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | | 28 | | X | 11,12 | 23 |
| | | 12 | 5,12 | | 9.3 | 9,11 | 16,17 |
| ZU4QRJ | <i>Identifiler®</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28 | | X | 11,12 | 23 |
| | | | | | 9.3 | 9,11 | 16,17 |
| ZYD9PC | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | - | 20,24 | - | 14,15 | 10,11 | 9,12 |
| | | 10,13 | - | - | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | - | X,X | 11,12 | 23,23 |
| | | - | - | - | 9.3,9.3 | 9,11 | 16,17 |
| ZZUFXF | <i>Identifiler® Plus</i> | | | | | | |
| | 1 | | 20,24 | | 14,15 | 10,11 | 9,12 |
| | | 10,13 | | | 11,14 | 11,13 | 10,15 |
| | | 16,16.2 | 28,28 | | X,X | 11,12 | 23,23 |
| | | | | | 9.3,9.3 | 9,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | |
|--------|--|-------|-----------|---------|-------|-------|-------|
| 2629JX | <i>Identifiler®</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 2BLYYL | <i>Identifiler®</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 2CMWVG | <i>Identifiler®</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 2FF3YX | <i>Investigator ESSplex Plus</i> | | | | | | |
| | 2 | 11,15 | 17,21 | 10,11 | 14,15 | | |
| | | 10,15 | 13,16 | 16,23 | | 11,12 | 13,15 |
| | | 14,16 | 31.2 | 15,16 | X,Y | | 19,23 |
| | | | | | 7,9 | | 18,19 |
| 2JH9CH | <i>Identifiler®</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 2NVE6Q | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 2T4869 | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 34YX3L | <i>Identifiler® Direct, PowerPlex® ESX17</i> | | | | | | |
| | 2 | 11,15 | 17,21 | 10,11 | 14,15 | 12,12 | 8,10 |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | | | | 18,29.2 | 7,9 | 9,11 | 18,19 |
| 3864ZF | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | |
|--------|--|-------|-----------|--|-------|-------|-------|
| 3A8NLE | Qiagen Investigator IDplex Plus Kit | | | | | | |
| | 2 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 3BKXGD | Identifiler® Plus | | | | | | |
| | 2 | 17,21 | | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 3JVMAY | PowerPlex® PowerPlex® 16, PowerPlex® 16 HS | | | | | | |
| | 2 | | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| 3PNPFJ | Identifiler® | | | | | | |
| | 2 | 17,21 | | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 3V8TKZ | Identifiler® Direct | | | | | | |
| | 2 | 17,21 | | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 42U394 | PowerPlex® PP16 | | | | | | |
| | 2 | | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| 46CU4J | Identifiler® | | | | | | |
| | 2 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 46U9RF | PowerPlex® 18D | | | | | | |
| | 2 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| 49C3EL | Identifiler® | | | | | | |
| | 2 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | |
|--------|-------------------------------|-------|-----------|-------|-------|-------|-------|
| 49TMCK | <i>Identifiler® Direct</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |
| 49URX2 | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |
| 4A6V8J | <i>Identifiler®</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |
| 4DMLNV | <i>Identifiler® & ID+</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |
| 4J8EMT | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |
| 4MAHQV | <i>PowerPlex® 16</i> | | | | | | |
| | 2 | | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | 7,9 | 9,11 | 18,19 | |
| 4R4EEM | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |
| 4TFQ2B | <i>PowerPlex® Fusion</i> | | | | | | |
| | 2 | 11,15 | 17,21 | 10,11 | 14,15 | 12 | 8,10 |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | 7,9 | 9,11 | 18,19 | |
| 68V7K2 | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | |
|--------|---------------------------------|-------|-----------|-----|-------|-------|-------|
| 68WQ63 | PowerPlex® 16 HS | | | | | | |
| | 2 | | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| 6LBWCV | Identifiler® , Identifiler Plus | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 6LEFYX | Identifiler® Direct | | | | | | |
| | 2 | - | 17,21 | - | 14,15 | 12 | 8,10 |
| | | 10,15 | - | - | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | - | X,Y | 11,12 | 19,23 |
| | | - | - | - | 7,9 | 9,11 | 18,19 |
| 6RNGK2 | Identifiler® | | | | | | |
| | 2 | N/A | 17,21 | N/A | 14,15 | 12,12 | 8,10 |
| | | 10,15 | N/A | N/A | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | N/A | X,Y | 11,12 | 19,23 |
| | | N/A | N/A | N/A | 7,9 | 9,11 | 18,19 |
| 6TYRK8 | Identifiler® Plus | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 6YL6EM | Identifiler® Plus | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 72N288 | Identifiler® Plus | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 72ZWPT | Identifiler® | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 76KQNE | Identifiler® | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | | |
|--------|------------------------------|---|-------|-----------|---------|-------|-------|-------|
| 7BQGVQ | GlobalFiler Express | 2 | 11,15 | 17,21 | 10,11 | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | | | | | 18,29.2 | 7,9 | 9,11 | 18,19 |
| 7GD8DF | Identifiler® Direct | 2 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| 7LT3BK | Identifiler® Plus | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| 7ZRLVB | Identifiler Plus | 2 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| 82H84R | Identifiler® | 2 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| 83BM7V | Identifiler® Direct | 2 | - | 17,21 | - | 14,15 | 12 | 8,10 |
| | | | 10,15 | - | - | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2 | - | X,Y | 11,12 | 19,23 |
| | | | - | - | - | 7,9 | 9,11 | 18,19 |
| 8DCNQ8 | Identifiler® Plus | 2 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| 8G8C8E | Identifiler® | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| 8H3VB2 | Identifiler® Plus, MiniFiler | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | | |
|--------|--------------------------|---|-------|-----------|---------|-------|-------|-------|
| 8U4QMY | Identifiler® | 2 | N/A | 17,21 | N/A | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | N/A | N/A | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | N/A | X,Y | 11,12 | 19,23 |
| | | | N/A | N/A | N/A | 7,9 | 9,11 | 18,19 |
| 8YUX8R | PowerPlex® 16 | 2 | | | | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| 943E3E | PowerPlex® 16 | 2 | | | | 14,15 | 12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| 96HQM6 | Identifiler® Plus | 2 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| 96XL26 | PowerPlex® Fusion, ESX17 | 2 | 11,15 | 17,21 | 10,11 | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | | | 9,12 | 11,18 | 18,29.2 | 7,9 | 9,11 | 18,19 |
| 97QPZY | Identifiler® Plus | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| 9GNT28 | Identifiler® Plus | 2 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| 9KAZEW | Identifiler® | 2 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| 9L7FRU | PowerPlex® 16, 16 HS | 2 | | | | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | |
|--------|---|-------|-----------|---------|-------|-------|-------|
| 9QDE87 | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | 17,21 | | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 9WK3PD | <i>PowerPlex® 16</i> | | | | | | |
| | 2 | | | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| 9WK6EH | <i>Identifiler®</i> | | | | | | |
| | 2 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 9Z36RD | <i>Identifiler®</i> | | | | | | |
| | 2 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 9ZHNEV | <i>Identifiler® Plus, MiniFiler</i> | | | | | | |
| | 2 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 9ZMEWU | <i>Identifiler® , PowerPlex® 16, MiniFiler</i> | | | | | | |
| | 2 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| A847MK | <i>COfiler® and Profiler Plus®, Identifiler® , MF</i> | | | | | | |
| | 2 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| AF9QTE | <i>PowerPlex® 16 Hot Start</i> | | | | | | |
| | 2 | | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| ALH84N | <i>GlobalFiler Express</i> | | | | | | |
| | 2 | 11,15 | 17,21 | 10,11 | 14,15 | 12,12 | 8,10 |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | | | | 18,29.2 | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | |
|--------|---------------------|-------|-----------|---------|-------|-------|-------|
| AY77VQ | Identifiler® | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| B9P62L | GlobalFiler Express | | | | | | |
| | 2 | 11,15 | 17,21 | 10,11 | 14,15 | 12,12 | 8,10 |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | | | | 18,29.2 | 7,9 | 9,11 | 18,19 |
| BAGZLA | Identifiler® | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| BAZP8B | Identifiler® Direct | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| BHFTCB | PowerPlex® 18D | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| BKK7L3 | Identifiler® Plus | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| BKLEZB | PowerPlex® 16 | | | | | | |
| | 2 | N/A | N/A | N/A | 14,15 | 12,12 | 8,10 |
| | | 10,15 | N/A | N/A | 8,12 | 11,12 | 13,15 |
| | | N/A | 31.2,31.2 | N/A | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | N/A | 7,9 | 9,11 | 18,19 |
| BTFJTC | Identifiler® Plus | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| BWGXMA | PowerPlex® 16 | | | | | | |
| | 2 | | | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | |
|--------|--------------------------------------|-------|-----------|---------|------------|---------------|----------------|
| BYXMMD | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y 7,9 | 11,12 9,11 | 19,23 18,19 |
| BZF274 | <i>PowerPlex® Fusion, NGM SElect</i> | | | | | | |
| | 2 | 11,15 | 17,21 | 10,11 | 14,15 | 12,12 | 8,10 |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | 18,29.2 | 7,9 | 9,11 | 18,19 |
| C3XKND | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y 7,9 | 11,12 9,11 | 19,23 18,19 |
| C7HCXU | <i>Identifiler®</i> | | | | | | |
| | 2 | N/A | 17,21 | N/A | 14,15 | 12,12 | 8,10 |
| | | 10,15 | N/A | N/A | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | N/A | X,Y | 11,12 | 19,23 |
| | | N/A | N/A | N/A | 7,9 | 9,11 | 18,19 |
| C7JUQ4 | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y 7,9 | 11,12 9,11 | 19,23 18,19 |
| CF3DZ3 | <i>Identifiler®</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y 7,9 | 11,12 9,11 | 19,23 18,19 |
| CGYTCY | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y 7,9 | 11,12 9,11 | 19,23 18,19 |
| CKVHT7 | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y 7,9 | 11,12 9,11 | 19,23 18,19 |
| CLQ2WT | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y 7,9 | 11,12 9,11 | 19,23 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | | |
|--------|--------------------------|---|------------|------------|------------|-------|-------|-------|
| CMJR38 | <i>Identifiler®</i> | 2 | not tested | 17,21 | not tested | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | not tested | not tested | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | not tested | X,Y | 11,12 | 19,23 |
| | | | not tested | not tested | not tested | 7,9 | 9,11 | 18,19 |
| | | | | | | | | |
| CTTZA | <i>PowerPlex® 21</i> | 2 | 11,15 | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | | 16,23 | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| | | | | | | | | |
| DFGZDB | <i>PowerPlex® 16</i> | 2 | | | | 14,15 | 12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| | | | | | | | | |
| DKCQL8 | <i>PowerPlex® 16</i> | 2 | | | | 14,15 | 12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| | | | | | | | | |
| DP7QWW | <i>Identifiler® Plus</i> | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| | | | | | | | | |
| E9FZKZ | <i>Identifiler®</i> | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| | | | | | | | | |
| EJD787 | <i>PowerPlex® 16</i> | 2 | | | | 14,15 | 12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| | | | | | | | | |
| EMXMED | <i>Identifiler® Plus</i> | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| | | | | | | | | |
| ENRNM3 | <i>Identifiler® Plus</i> | 2 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| | | | | | | | | |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | | |
|--------|--|-------|-----------|---------|-------|-------|-------|--|
| EVNFVW | <i>Identifiler® Plus</i> | | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| EW3XY3 | <i>Identifiler®</i> | | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| F36BDC | <i>Identifiler®</i> | | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| F8JEDA | <i>Identifiler® Plus</i> | | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| FAJEZ6 | <i>PowerPlex® 16 HS, ESI 17 Pro</i> | | | | | | | |
| | 2 | 11,15 | 17,21 | 10,11 | 14,15 | 12 | 8,10 | |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2 | 15,16 | X,Y | 11,12 | 19,23 | |
| | | 9,12 | 11,18 | 18,29.2 | 7,9 | 9,11 | 18,19 | |
| | | | | | | | | |
| FB2BQJ | <i>Identifiler®</i> | | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| FG2VN9 | <i>COfiler® and Profiler Plus® for D13 locus, PowerPlex® 16 HS</i> | | | | | | | |
| | 2 | | | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 | | |
| FLY3FX | <i>Identifiler®</i> | | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| FR9VG3 | <i>Identifiler® Plus</i> | | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | |
|--------|--|-------|-----------|---------|-------|-------|-------|
| FZYJBK | <i>PowerPlex® 16, HS</i> | | | | | | |
| | 2 | | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| G2CX9Y | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| GN4PF3 | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| GTDEMV | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| GY3M2G | <i>Identifiler®, Identifiler Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| H278DZ | <i>Identifiler® Plus, PowerPlex® 16 HS, FUSION, NGMS</i> | | | | | | |
| | 2 | 11,15 | 17,21 | 10,11 | 14,15 | 12 | 8,10 |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | 18,29.2 | 7,9 | 9,11 | 18,19 |
| H8UM8Y | <i>Identifiler®</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| HB9X84 | <i>PowerPlex® 18D</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| HBA6G4 | <i>Identifiler®</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | | |
|--------|--|-------|-----------|-------|-------|-------|-------|--|
| HDERWT | <i>Identifiler® Plus</i> | | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| HKXJD2 | <i>PowerPlex® PowerPlex® 18D</i> | | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 | | |
| HNYNQL | <i>Identifiler®</i> | | | | | | | |
| | 2 | N/A | 17,21 | N/A | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | N/A | N/A | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | N/A | X,Y | 11,12 | 19,23 | |
| | N/A | N/A | N/A | 7,9 | 9,11 | 18,19 | | |
| HRFL83 | <i>Identifiler® Plus, PowerPlex® 16 HS, ESI 17</i> | | | | | | | |
| | 2 | 11,15 | 17,21 | 10,11 | 14,15 | 12 | 8,10 | |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2 | 15,16 | X,Y | 11,12 | 19,23 | |
| | 9,12 | 11,18 | 18,29.2 | 7,9 | 9,11 | 18,19 | | |
| HRHJTE | <i>COfiler® and Profiler Plus®</i> | | | | | | | |
| | 2 | | | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | | 13,15 | |
| | | | 31.2,31.2 | | X,Y | | 19,23 | |
| | | | | | | 18,19 | | |
| HU9PCP | <i>Identifiler® Plus, PowerPlex® 16, MiniFiler</i> | | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 | | |
| HWPKYV | <i>Identifiler® Plus, MiniFiler</i> | | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| J3CULY | <i>Identifiler® Plus</i> | | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| J48DPK | <i>Identifiler® Plus</i> | | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | |
|--------|---|-------|-----------|---------|-------|-------|-------|
| J4PEGU | <i>Identifiler®</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| JCYN32 | <i>PowerPlex® 16</i> | | | | | | |
| | 2 | | | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| JGYUMY | <i>Identifiler®</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| JKEWG6 | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| JLR4Q6 | <i>Identifiler® Direct</i> | | | | | | |
| | 2 | 11,15 | 17,21 | 10,11 | 14,15 | 12,12 | 8,10 |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | | | | 18,29.2 | 7,9 | 9,11 | 18,19 |
| JW6V7L | <i>PowerPlex® 21</i> | | | | | | |
| | 2 | 11,15 | 17,21 | - | 14,15 | 12,12 | 8,10 |
| | | 10,15 | - | 16,23 | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | - | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | - | 7,9 | 9,11 | 18,19 |
| JYBN9D | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| K9GF69 | <i>Identifiler® , Identifiler Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| KE3DVG | <i>PowerPlex® 16 and PowerPlex® 16 HS</i> | | | | | | |
| | 2 | | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | |
|--------|---|---------------------------------|--------------------------------------|------------------------------------|-----------------------------|---------------------------------|---------------------------------|
| KEJZEC | <i>PowerPlex® Fusion</i> | | | | | | |
| | 2 | 11,15 10,15 14,16 9,12 | 17,21 13,16 31.2 11,18 | 10,11 16,23 15,16 | 14,15 8,12 X,Y 7,9 | 12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| KFGXHZ | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | 10,15 14,16 | 17,21 31.2,31.2 | | 14,15 8,12 X,Y 7,9 | 12,12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| KFT7DY | <i>Identifiler®</i> | | | | | | |
| | 2 | 10,15 14,16 | 17,21 31.2 | | 14,15 8,12 X,Y 7,9 | 12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| KL4M4V | <i>PowerPlex® Fusion, ESX 17</i> | | | | | | |
| | 2 | 11,15 10,15 14,16 9,12 | 17,21 13,16 31.2,31.2 11,18 | 10,11 16,23 15,16 18,29.2 | 14,15 8,12 X,Y 7,9 | 12,12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| KMULZK | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | 10,15 14,16 | 17,21 31.2,31.2 | | 14,15 8,12 X,Y 7,9 | 12,12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| KXETYA | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | 10,15 14,16 | 17,21 31.2,31.2 | | 14,15 8,12 X,Y 7,9 | 12,12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| L7LG4F | <i>PowerPlex® 16 HS</i> | | | | | | |
| | 2 | 10,15 9,12 | 31.2,31.2 11,18 | | 14,15 8,12 X,Y 7,9 | 12,12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| LBYS63 | <i>Identifiler® Direct, PowerPlex® ESX 17</i> | | | | | | |
| | 2 | 11,15 10,15 14,16 | 17,21 13,16 31.2,31.2 | 10,11 16,23 15,16 18,29.2 | 14,15 8,12 X,Y 7,9 | 12,12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| LPZTUK | <i>PowerPlex® 16, 16 HS</i> | | | | | | |
| | 2 | 10,15 9,12 | 31.2,31.2 11,18 | | 14,15 8,12 X,Y 7,9 | 12,12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | |
|--------|--|---------------------------------|--------------------------------------|------------------------------------|-----------------------------|---------------------------------|---------------------------------|
| LVMJH2 | <i>Identifiler® , PowerPlex® 21, GlobalFiler</i> | | | | | | |
| | 2 | 11,15 10,15 14,16 9,12 | 17,21 13,16 31.2 11,18 | 10,11 16,23 15,16 18,29.2 | 14,15 8,12 X,Y 7,9 | 12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| M4FDT4 | <i>Identifiler® Identifiler Plus</i> | | | | | | |
| | 2 | 10,15 14,16 | 17,21 31.2,31.2 | | 14,15 8,12 X,Y 7,9 | 12,12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| M6P2RH | <i>Identifiler®</i> | | | | | | |
| | 2 | N/A 10,15 14,16 N/A | 17,21 N/A 31.2,31.2 N/A | N/A N/A N/A N/A | 14,15 8,12 X,Y 7,9 | 12,12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| M8TL43 | <i>PowerPlex® Fusion</i> | | | | | | |
| | 2 | 11,15 10,15 14,16 9,12 | 17,21 13,16 31.2,31.2 11,18 | 10,11 16,23 15,16 | 14,15 8,12 X,Y 7,9 | 12,12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| MD3CLV | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | 10,15 14,16 | 17,21 31.2,31.2 | | 14,15 8,12 X,Y 7,9 | 12,12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| MJR2BR | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | 10,15 14,16 | 17,21 31.2 | | 14,15 8,12 X,Y 7,9 | 12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| MK37MV | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | 10,15 14,16 | 17,21 31.2 | | 14,15 8,12 X,Y 7,9 | 12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| MLXPQG | <i>Identifiler® Plus, MiniFiler</i> | | | | | | |
| | 2 | 10,15 14,16 | 17,21 31.2,31.2 | | 14,15 8,12 X,Y 7,9 | 12,12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| MVHLKB | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | 10,15 14,16 | 17,21 31.2,31.2 | | 14,15 8,12 X,Y 7,9 | 12,12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | | |
|--------|------------------------------|---|-------|-----------|-------|-------|-------|-------|
| N2N3MN | Identifiler® | 2 | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | | 10,15 | | 8,12 | 11,12 | 13,15 | |
| | | | 14,16 | 31.2,31.2 | X,Y | 11,12 | 19,23 | |
| | | | | | 7,9 | 9,11 | 18,19 | |
| N6MTZB | PowerPlex® 16 HS | 2 | | | 14,15 | 12,12 | 8,10 | |
| | | | 10,15 | | 8,12 | 11,12 | 13,15 | |
| | | | | 31.2,31.2 | X,Y | 11,12 | 19,23 | |
| | | | 9,12 | 11,18 | 7,9 | 9,11 | 18,19 | |
| NFNN8Y | PowerPlex® 16 | 2 | | | 14,15 | 12 | 8,10 | |
| | | | 10,15 | | 8,12 | 11,12 | 13,15 | |
| | | | | 31.2 | X,Y | 11,12 | 19,23 | |
| | | | 9,12 | 11,18 | 7,9 | 9,11 | 18,19 | |
| NJZYVM | Identifiler® Plus, MiniFiler | 2 | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | | 10,15 | | 8,12 | 11,12 | 13,15 | |
| | | | 14,16 | 31.2,31.2 | X,Y | 11,12 | 19,23 | |
| | | | | | 7,9 | 9,11 | 18,19 | |
| NRXGGQ | PowerPlex® PP21 | 2 | 11,15 | 17,21 | 14,15 | 12,12 | 8,10 | |
| | | | 10,15 | | 16,23 | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | X,Y | 11,12 | 19,23 | |
| | | | 9,12 | 11,18 | 7,9 | 9,11 | 18,19 | |
| P2XGKH | Identifiler® Plus | 2 | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | | 10,15 | | 8,12 | 11,12 | 13,15 | |
| | | | 14,16 | 31.2,31.2 | X,Y | 11,12 | 19,23 | |
| | | | | | 7,9 | 9,11 | 18,19 | |
| P3CZ8Z | PowerPlex® FUSION | 2 | 11,15 | 17,21 | 10,11 | 14,15 | 12 | 8,10 |
| | | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| P7F7Z9 | Profiler Plus | 2 | | | 14,15 | 12,12 | 8,10 | |
| | | | 10,15 | | 8,12 | | 13,15 | |
| | | | | 31.2,31.2 | X,Y | | 19,23 | |
| | | | | | | | 18,19 | |
| PC3Q8U | PowerPlex® 18D | 2 | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | | 10,15 | | 8,12 | 11,12 | 13,15 | |
| | | | 14,16 | 31.2,31.2 | X,Y | 11,12 | 19,23 | |
| | | | 9,12 | 11,18 | 7,9 | 9,11 | 18,19 | |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | |
|--------|--------------------------|-------|-----------|---|-------|-------|-------|
| PE6R77 | <i>Profiler Plus</i> | | | | | | |
| | 2 | | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | | 13,15 |
| | | | 31.2,31.2 | | X,Y | | 19,23 |
| | | | | | | | 18,19 |
| PJG8L3 | <i>Identifiler®</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| PX2G2Z | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| PX3PDK | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | - | 17,21 | - | 14,15 | 12,12 | 8,10 |
| | | 10,15 | - | - | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | - | X,Y | 11,12 | 19,23 |
| | | - | - | - | 7,9 | 9,11 | 18,19 |
| QL2G99 | <i>Identifiler®</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| QPMT27 | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| R69TAG | <i>PowerPlex® 16 HS</i> | | | | | | |
| | 2 | | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| RA7RQE | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| RCAKMX | <i>Identifiler®</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | |
|--------|---|-------|-----------|-----|-------|-------|-------|
| RDQ4MH | <i>PowerPlex® 16 HS</i> | | | | | | |
| | 2 | | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| RTX3RF | <i>Identifiler®</i> | | | | | | |
| | 2 | n/a | 17,21 | n/a | 14,15 | 12,12 | 8,10 |
| | | 10,15 | n/a | n/a | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | n/a | X,Y | 11,12 | 19,23 |
| | | n/a | n/a | n/a | 7,9 | 9,11 | 18,19 |
| RUBAYV | <i>Identifiler® Direct</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| RUX24W | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| RW2WMY | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| T6PA3P | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| TC4MRT | <i>PowerPlex® 16</i> | | | | | | |
| | 2 | | | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| TC7M3A | <i>Identifiler® Plus, PowerPlex® 16</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| TDHMY4 | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | |
|--------|---|-------|-----------|---------|-------|-------|-------|
| TF7JGM | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| TQBGJ6 | <i>Identifiler®</i> | | | | | | |
| | 2 | 17,21 | | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| TRHVPB | <i>IDPlus, MiniFiler</i> | | | | | | |
| | 2 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| TU939M | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | 17,21 | | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| TWWYRU | <i>Identifiler®</i> | | | | | | |
| | 2 | 17,21 | | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| TXBQVP | <i>Identifiler®</i> | | | | | | |
| | 2 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| U4P44M | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | 17,21 | | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| U7VL7P | <i>Identifiler® , PowerPlex® , NGM SElect</i> | | | | | | |
| | 2 | 11,15 | 17,21 | 10,11 | 14,15 | 12 | 8,10 |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | 18,29.2 | 7,9 | 9,11 | 18,19 |
| UCK78J | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | |
|--------|-------------------------------------|-------|-----------|---------|-------|-------|-------|
| UJ4YDW | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| UNXQNE | <i>2 home made multiplexes</i> | | | | | | |
| | 2 | 11,15 | | 10,11 | 14,15 | 12,12 | 8,10 |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | | 31.2,31.2 | 15,16 | X,Y | | 19,23 |
| | | | | 18,29.2 | 7,9 | 9,11 | 18,19 |
| UPDX8B | <i>Identifiler®</i> | | | | | | |
| | 2 | N/A | 17,21 | N/A | 14,15 | 12,12 | 8,10 |
| | | 10,15 | N/A | N/A | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | N/A | X,Y | 11,12 | 19,23 |
| | | N/A | N/A | N/A | 7,9 | 9,11 | 18,19 |
| UPTCFK | <i>PowerPlex® Fusion, ESI17 Pro</i> | | | | | | |
| | 2 | 11,15 | 17,21 | 10,11 | 14,15 | 12,12 | 8,10 |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | 18,29.2 | 7,9 | 9,11 | 18,19 |
| UX8ZC8 | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| UXNR8P | <i>Identifiler®</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| V7AZZY | <i>Profiler Plus</i> | | | | | | |
| | 2 | | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | | 13,15 |
| | | | 31.2,31.2 | | X,Y | | 19,23 |
| | | | | | | | 18,19 |
| V8LAY4 | <i>Identifiler®</i> | | | | | | |
| | 2 | - | 17,21 | - | 14,15 | 12 | 8,10 |
| | | 10,15 | - | - | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | - | X,Y | 11,12 | 19,23 |
| | | - | - | - | 7,9 | 9,11 | 18,19 |
| VB643W | <i>Identifiler®</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | |
|--------|----------------------------------|-------|-----------|-------|-------|-------|-------|
| VCH4DT | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |
| VQLZHT | <i>PowerPlex® 16</i> | | | | | | |
| | 2 | | | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2 | | X,Y | 11,12 | 19,23 |
| | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 | |
| VUJL6P | <i>Identifiler®</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |
| YYCKNQ | <i>PowerPlex® 16</i> | | | | | | |
| | 2 | | | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2 | | X,Y | 11,12 | 19,23 |
| | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 | |
| W2D6MB | <i>Identifiler® Direct</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |
| W2GZL4 | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |
| W443JH | <i>Identifiler®</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |
| W8JU9P | <i>PowerPlex® PowerPlex® 21</i> | | | | | | |
| | 2 | 11,15 | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | 16,23 | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 | |
| WDRP2K | <i>PowerPlex® FUSION, ESI 17</i> | | | | | | |
| | 2 | 11,15 | 17,21 | 10,11 | 14,15 | 12,12 | 8,10 |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | 9,12 | 11,18 | 18,29.2 | 7,9 | 9,11 | 18,19 | |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | | |
|--------|--------------------------------|---|-------|-----------|---------|-------|-------|-------|
| WDYKX | <i>Identifiler® Plus</i> | 2 | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | | 10,15 | | 8,12 | 11,12 | 13,15 | |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 | |
| WFT7GF | <i>Identifiler® Plus</i> | 2 | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | | 10,15 | | 8,12 | 11,12 | 13,15 | |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 | |
| WNN9KD | <i>Identifiler® Plus</i> | 2 | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | | 10,15 | | 8,12 | 11,12 | 13,15 | |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 | |
| WWJ9Z6 | <i>Identifiler®</i> | 2 | 17,21 | | 14,15 | 12 | 8,10 | |
| | | | 10,15 | | 8,12 | 11,12 | 13,15 | |
| | | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 | |
| WZ6H4J | <i>PowerPlex® Fusion, ES17</i> | 2 | 11,15 | 17,21 | 10,11 | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | | | 9,12 | 11,18 | 18,29.2 | 7,9 | 9,11 | 18,19 |
| | | | | | | | | |
| X6QX7V | <i>Profiler Plus</i> | 2 | | | 14,15 | 12,12 | 8,10 | |
| | | | 10,15 | | 8,12 | | 13,15 | |
| | | | | 31.2,31.2 | X,Y | | 19,23 | |
| | | | | | | | 18,19 | |
| X8FET4 | <i>Identifiler®</i> | 2 | 17,21 | | 14,15 | 12 | 8,10 | |
| | | | 10,15 | | 8,12 | 11,12 | 13,15 | |
| | | | 14,16 | 31.2 | X,Y | 11,12 | 19,23 | |
| | | | | | 7,9 | 9,11 | 18,19 | |
| XCDNTQ | <i>Identifiler® Plus</i> | 2 | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | | 10,15 | | 8,12 | 11,12 | 13,15 | |
| | | | 14,16 | 31.2,31.2 | X,Y | 11,12 | 19,23 | |
| | | | | | 7,9 | 9,11 | 18,19 | |
| XCTD8H | <i>Identifiler® Plus</i> | 2 | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | | 10,15 | | 8,12 | 11,12 | 13,15 | |
| | | | 14,16 | 31.2,31.2 | X,Y | 11,12 | 19,23 | |
| | | | | | 7,9 | 9,11 | 18,19 | |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | |
|--------|---|-------|-----------|-----|-------|-------|-------|
| XG4VDK | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | | 18,19 |
| XLYP9Z | <i>COfiler® and Profiler Plus®, Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | | 18,19 |
| XLZJUR | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | | 18,19 |
| XZVFYN | <i>Identifiler® Direct</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | | 18,19 |
| Y4VCEP | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | | 18,19 |
| Y4VE39 | <i>Identifiler® Plus, PowerPlex® 16</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| Y4YLYF | <i>Identifiler®</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | | 18,19 |
| Y66JFX | <i>COfiler® and Profiler Plus®</i> | | | | | | |
| | 2 | | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | | 13,15 |
| | | | 31.2,31.2 | | X,Y | | 19,23 |
| | | | | | | | 18,19 |
| Y68LAN | <i>COfiler® and Profiler Plus®, PowerPlex® 16 HS</i> | | | | | | |
| | 2 | | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | |
|--------|----------------------------------|-------|-----------|-------|-------|-------|-------|
| YFRKV8 | <i>Identifiler®</i> | | | | | | |
| | 2 | N/A | 17,21 | N/A | 14,15 | 12,12 | 8,10 |
| | | 10,15 | N/A | N/A | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | N/A | X,Y | 11,12 | 19,23 |
| | | N/A | N/A | N/A | 7,9 | 9,11 | 18,19 |
| YK3329 | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| YRKCRP | <i>PowerPlex® Fusion</i> | | | | | | |
| | 2 | 11,15 | 17,21 | 10,11 | 14,15 | 12 | 8,10 |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| YTE6KN | <i>Identifiler® Direct</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| YU7NH3 | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| YUB966 | <i>Identifiler® Direct</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| YVY9V7 | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| YZT7KX | <i>PowerPlex® Fusion Direct</i> | | | | | | |
| | 2 | 11,15 | 17,21 | 10,11 | 14,15 | 12 | 8,10 |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| Z24X4K | <i>PowerPlex® PowerPlex® 18D</i> | | | | | | |
| | 2 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 2

| | | | | | | | |
|--------|--------------------------|-------|-----------|---|-------|-------|-------|
| ZETYG7 | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| ZKZ4UZ | <i>PowerPlex® 16, HS</i> | | | | | | |
| | 2 | | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| ZPQ9CN | <i>PowerPlex® 16</i> | | | | | | |
| | 2 | | | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| ZU4QRJ | <i>Identifiler®</i> | | | | | | |
| | 2 | 17,21 | | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| ZYD9PC | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | - | 17,21 | - | 14,15 | 12,12 | 8,10 |
| | | 10,15 | - | - | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | - | X,Y | 11,12 | 19,23 |
| | | - | - | - | 7,9 | 9,11 | 18,19 |
| ZZUFXF | <i>Identifiler® Plus</i> | | | | | | |
| | 2 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 3

| | | | | | | | | |
|--------|--|---|---------|---------|-------|-------|-------|-------|
| 2BLYYL | <i>Identifiler®</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11 | 10,11 | 14,16 | |
| | | | 13 | 30,32.2 | | X | 12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| 2CMWVG | <i>Identifiler®</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| 2FF3YX | <i>Investigator ESSPlex Plus</i> | 3 | 14,18.3 | 19,21 | 12 | 15,17 | | |
| | | | 13,14 | 12,14 | 18,19 | | 10,11 | 14,16 |
| | | | 13 | 30,32.2 | 11,16 | | X | 21,22 |
| | | | | | | | 7,8 | 16,17 |
| 2NVE6Q | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| 2T4869 | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| 34YX3L | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| 3864ZF | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11 | 10,11 | 14,16 | |
| | | | 13 | 30,32.2 | | X | 12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| 3A8NLE | <i>Qiagen Investigator IDplex Plus Kit</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| 3BKXGD | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11 | 10,11 | 14,16 | |
| | | | 13 | 30,32.2 | | X | 12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 3

| | | | | | | | |
|--------|--|-------|---------|--|-------|-------|-------|
| 3JVMAY | PowerPlex® PowerPlex® 16, PowerPlex® 16 HS | | | | | | |
| | 3 | | | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 |
| 3PNPFJ | Identifiler® | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | 13 | 30,32.2 | | X | 12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| 3V8TKZ | Identifiler® Plus | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | 13 | 30,32.2 | | X,X | 12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| 42U394 | PowerPlex® PP16 | | | | | | |
| | 3 | | | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 |
| 46CU4J | Identifiler® | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| 49TMCK | Identifiler® Plus | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| 49URX2 | Identifiler® Plus | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| 4A6V8J | Identifiler® | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| 4DMLNV | Identifiler® & ID+ | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 3

| | | | | | | | | |
|--------|--|---|---------|---------|-------|-------|-------|-------|
| 4J8EMT | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| 4MAHQV | <i>PowerPlex® 16</i> | 3 | | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 |
| 4R4EEM | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| 4TFQ2B | <i>PowerPlex® Fusion</i> | 3 | 14,18.3 | 19,21 | 12 | 15,17 | 10,12 | 8,10 |
| | | | 13,14 | 12,14 | 18,19 | 11 | 10,11 | 14,16 |
| | | | 13 | 30,32.2 | 11,16 | X | 12 | 21,22 |
| | | | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 |
| 68V7K2 | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| 68WQ63 | <i>PowerPlex® 16 HS</i> | 3 | | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 |
| 6LBWCV | <i>Identifiler® , Identifiler Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| 6LEFYX | <i>Identifiler® Plus</i> | 3 | - | 19,21 | - | 15,17 | 10,12 | 8,10 |
| | | | 13,14 | - | - | 11 | 10,11 | 14,16 |
| | | | 13 | 30,32.2 | - | X,X | 12 | 21,22 |
| | | | - | - | - | 7,8 | 8,11 | 16,17 |
| 6RNGK2 | <i>Identifiler®</i> | 3 | N/A | 19,21 | N/A | 15,17 | 10,12 | 8,10 |
| | | | 13,14 | N/A | N/A | 11,11 | 10,11 | 14,16 |
| | | | 13,13 | 30,32.2 | N/A | X,X | 12,12 | 21,22 |
| | | | N/A | N/A | N/A | 7,8 | 8,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 3

| | | | | | | | |
|--------|-------------------------------------|-------|---------|---|-------|-------|-------|
| 6TYRK8 | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| 6YL6EM | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| 72N288 | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| 76KQNE | <i>Identifiler®</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| 7LT3BK | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| 7ZRLVB | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | 13 | 30,32.2 | | X | 12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| 83BM7V | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | - | 19,21 | - | 15,17 | 10,12 | 8,10 |
| | | 13,14 | - | - | 11 | 10,11 | 14,16 |
| | | 13 | 30,32.2 | - | X,X | 12 | 21,22 |
| | | - | - | - | 7,8 | 8,11 | 16,17 |
| 8DCNQ8 | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | 13 | 30,32.2 | | X | 12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| 8H3VB2 | <i>Identifiler® Plus, MiniFiler</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 3

| | | | | | | | | |
|--------|--------------------------|---|---------|---------|---------|-------|-------|-------|
| 8U4QMY | Identifiler® | 3 | N/A | 19,21 | N/A | 15,17 | 10,12 | 8,10 |
| | | | 13,14 | N/A | N/A | 11,11 | 10,11 | 14,16 |
| | | | 13,13 | 30,32.2 | N/A | X,X | 12,12 | 21,22 |
| | | | N/A | N/A | N/A | 7,8 | 8,11 | 16,17 |
| 8YUX8R | PowerPlex® 16 | 3 | | | | 15,17 | 10,12 | 8,10 |
| | | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | | | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 |
| 943E3E | PowerPlex® 16 | 3 | | | | 15,17 | 10,12 | 8,10 |
| | | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | | | 30,32.2 | | X | 12 | 21,22 |
| | | | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 |
| 96HQM6 | Identifiler® Plus | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | | 13 | 30,32.2 | | X | 12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| 96XL26 | PowerPlex® Fusion, ESX17 | 3 | 14,18.3 | 19,21 | 12,12 | 15,17 | 10,12 | 8,10 |
| | | | 13,14 | 12,14 | 18,19 | 11,11 | 10,11 | 14,16 |
| | | | 13,13 | 30,32.2 | 11,16 | X,X | 12,12 | 21,22 |
| | | | 5,8 | 10,13 | 16,29.2 | 7,8 | 8,11 | 16,17 |
| | | | | | | | | |
| 97QPZY | Identifiler® Plus | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| 9GNT28 | Identifiler® Plus | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | | 13 | 30,32.2 | | X | 12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| 9KAZEW | Identifiler® | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | | 13 | 30,32.2 | | X | 12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| 9QDE87 | Identifiler® Plus | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | | 13 | 30,32.2 | | X | 12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 3

| | | | | | | | |
|--------|-------------------------------------|-------|---------|-----|-------|-------|-------|
| 9Z36RD | <i>Identifiler®</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| 9ZHNEV | <i>Identifiler® Plus, MiniFiler</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| AF9QTE | <i>COfiler® and Profiler Plus®</i> | | | | | | |
| | 3 | | | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| BAGZLA | <i>Identifiler®</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| BAZP8B | <i>Identifiler®</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| BKK7L3 | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| BTFJTC | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| BWGXMA | <i>PowerPlex® 16</i> | | | | | | |
| | 3 | | | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | | 30,32.2 | | X | 12 | 21,22 |
| | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 | |
| BYXMMD | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 3

| | | | | | | | |
|--------|-------------------------------------|------------|------------|------------|-------|-------|-------|
| BZF274 | <i>PowerPlex® Fusion, ESI 17</i> | | | | | | |
| | 3 | 14,18.3 | 19,21 | 12,12 | 15,17 | 10,12 | 8,10 |
| | | 13,14 | 12,14 | 18,19 | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | 11,16 | X,X | 12,12 | 21,22 |
| | | 5,8 | 10,13 | 16,29.2 | 7,8 | 8,11 | 16,17 |
| C3XKND | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| C7HCXU | <i>Identifiler®</i> | | | | | | |
| | 3 | N/A | 19,21 | N/A | 15,17 | 10,12 | 8,10 |
| | | 13,14 | N/A | N/A | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | N/A | X,X | 12,12 | 21,22 |
| | | N/A | N/A | N/A | 7,8 | 8,11 | 16,17 |
| C7JUQ4 | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| CF3DZ3 | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | 13 | 30,32.2 | | X | 12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| CGYTCY | <i>Identifiler® Plus, MiniFiler</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| CKVHT7 | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | 13 | 30,32.2 | | X | 12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| CLQ2WT | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| CMJR38 | <i>Identifiler®</i> | | | | | | |
| | 3 | not tested | 19,21 | not tested | 15,17 | 10,12 | 8,10 |
| | | 13,14 | not tested | not tested | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | not tested | X,X | 12,12 | 21,22 |
| | | not tested | not tested | not tested | 7,8 | 8,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 3

| | | | | | | | |
|--------|---|---------|---------|-------|-------|-------|-------|
| CTTZA | <i>PowerPlex® 21</i> | | | | | | |
| | 3 | 14,18.3 | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | 18,19 | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 | |
| DFGZDB | <i>PowerPlex® 16</i> | | | | | | |
| | 3 | | | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | | 30,32.2 | | X | 12 | 21,22 |
| | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 | |
| DKCQL8 | <i>PowerPlex® 16</i> | | | | | | |
| | 3 | | | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | | 30,32.2 | | X | 12 | 21,22 |
| | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 | |
| DP7QWW | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| E9FZKZ | <i>Identifiler® , MiniFiler, SGM Plus (34 cycles)</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| EJD787 | <i>PowerPlex® 16</i> | | | | | | |
| | 3 | | | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | | 30,32.2 | | X | 12 | 21,22 |
| | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 | |
| EMXMED | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| ENRNM3 | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | 13 | 30,32.2 | | X | 12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| EVNFVW | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 3

| | | | | | | | |
|--------|-------------------------------------|---------|---------|-------|-------|-------|-------|
| EW3XY3 | <i>Identifiler®</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| F8JEDA | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| FAJEZ6 | <i>PowerPlex® 16 HS, ESI 17 Pro</i> | | | | | | |
| | 3 | 14,18.3 | 19,21 | 12 | 15,17 | 10,12 | 8,10 |
| | | 13,14 | 12,14 | 18,19 | 11 | 10,11 | 14,16 |
| | | 13 | 30,32.2 | 11,16 | X | 12 | 21,22 |
| | 5,8 | 10,13 | 16,29.2 | 7,8 | 8,11 | 16,17 | |
| FG2VN9 | <i>COfiler® and Profiler Plus®</i> | | | | | | |
| | 3 | | | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| FLY3FX | <i>Identifiler®</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| FR9VG3 | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| FZYJBK | <i>PowerPlex® 16, HS</i> | | | | | | |
| | 3 | | | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | | 30,32.2 | | X,X | 12,12 | 21,22 |
| | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 | |
| G2CX9Y | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| GN4PF3 | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------------|--|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
| Item 3 | | | | | | | |
| GTDEMV | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| GY3M2G | <i>Identifiler® , Identifiler Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| H278DZ | <i>Identifiler® Plus, PowerPlex® FUSION, 16 HS, NGMS</i> | | | | | | |
| | 3 | 14,18.3 | 19,21 | 12 | 15,17 | 10,12 | 8,10 |
| | | 13,14 | 12,14 | 18,19 | 11 | 10,11 | 14,16 |
| | | 13 | 30,32.2 | 11,16 | X | 12 | 21,22 |
| | | 5,8 | 10,13 | 16,29.2 | 7,8 | 8,11 | 16,17 |
| H8UM8Y | <i>Identifiler®</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| HBA6G4 | <i>Identifiler®</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| HDERWT | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| HNYNQL | <i>Identifiler®</i> | | | | | | |
| | 3 | N/A | 19,21 | N/A | 15,17 | 10,12 | 8,10 |
| | | 13,14 | N/A | N/A | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | N/A | X,X | 12,12 | 21,22 |
| | | N/A | N/A | N/A | 7,8 | 8,11 | 16,17 |
| HRFL83 | <i>Identifiler® Plus, PowerPlex® 16 HS, ESI 17</i> | | | | | | |
| | 3 | 14,18.3 | 19,21 | 12 | 15,17 | 10,12 | 8,10 |
| | | 13,14 | 12,14 | 18,19 | 11 | 10,11 | 14,16 |
| | | 13 | 30,32.2 | 11,16 | X | 12 | 21,22 |
| | | 5,8 | 10,13 | 16,29.2 | 7,8 | 8,11 | 16,17 |
| HRHJTE | <i>COfiler® and Profiler Plus®</i> | | | | | | |
| | 3 | | | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | | 14,16 |
| | | | 30,32.2 | | X,X | | 21,22 |
| | | | | | | | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 3

| | | | | | | | |
|--------|--|-------|---------|--|-------|-------|-------|
| HU9PCP | <i>Identifiler® Plus, PowerPlex® 16, MiniFiler</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 |
| HWPKYV | <i>Identifiler® Plus, MiniFiler</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| J3CULY | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | 13 | 30,32.2 | | X | 12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| J48DPK | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| J4PEGU | <i>Identifiler®</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| JCYN32 | <i>PowerPlex® 16</i> | | | | | | |
| | 3 | | | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | | 30,32.2 | | X | 12 | 21,22 |
| | | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 |
| JGYUMY | <i>Identifiler®</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| JKEWG6 | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| JLR4Q6 | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 3

| | | | | | | | |
|--------|---|---------|---------|-------|-------|-------|-------|
| JW6V7L | <i>PowerPlex® 21</i> | | | | | | |
| | 3 | 14,18.3 | 19,21 | - | 15,17 | 10,12 | 8,10 |
| | | 13,14 | - | 18,19 | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | - | X,X | 12,12 | 21,22 |
| | 5,8 | 10,13 | - | 7,8 | 8,11 | 16,17 | |
| JYBN9D | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| K9GF69 | <i>Identifiler® , Identifiler Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| KE3DVG | <i>PowerPlex® 16 and PowerPlex® 16 HS</i> | | | | | | |
| | 3 | | | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | | 30,32.2 | | X,X | 12,12 | 21,22 |
| | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 | |
| KEJZEC | <i>PowerPlex® Fusion</i> | | | | | | |
| | 3 | 14,18.3 | 19,21 | 12 | 15,17 | 10,12 | 8,10 |
| | | 13,14 | 12,14 | 18,19 | 11 | 10,11 | 14,16 |
| | | 13 | 30,32.2 | 11,16 | X | 12 | 21,22 |
| | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 | |
| KFGXHZ | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| KL4M4V | <i>PowerPlex® Fusion, ESX 17</i> | | | | | | |
| | 3 | 14,18.3 | 19,21 | 12,12 | 15,17 | 10,12 | 8,10 |
| | | 13,14 | 12,14 | 18,19 | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | 11,16 | X,X | 12,12 | 21,22 |
| | 5,8 | 10,13 | 16,29.2 | 7,8 | 8,11 | 16,17 | |
| KMULZK | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| KXETYA | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 3

| | | | | | | | | |
|--------|--|---------|---------|-------|-------|-------|-------|--|
| LBXR63 | <i>Identifiler® Plus</i> | | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 | |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 | |
| | | | | 7,8 | 8,11 | 16,17 | | |
| LPZTUK | <i>PowerPlex® 16, 16 HS</i> | | | | | | | |
| | 3 | | | | 15,17 | 10,12 | 8,10 | |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 | |
| | | | 30,32.2 | | X,X | 12,12 | 21,22 | |
| | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 | | |
| LVMJH2 | <i>Identifiler® , PowerPlex® , GlobalFiler</i> | | | | | | | |
| | 3 | 14,18.3 | 19,21 | 12 | 15,17 | 10,12 | 8,10 | |
| | | 13,14 | 12,14 | 18,19 | 11 | 10,11 | 14,16 | |
| | | 13 | 30,32.2 | 11,16 | X | 12 | 21,22 | |
| | 5,8 | 10,13 | 16,29.2 | 7,8 | 8,11 | 16,17 | | |
| M4FDT4 | <i>Identifiler® Identifiler Plus</i> | | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 | |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 | |
| | | | | 7,8 | 8,11 | 16,17 | | |
| M6P2RH | <i>Identifiler®</i> | | | | | | | |
| | 3 | N/A | 19,21 | N/A | 15,17 | 10,12 | 8,10 | |
| | | 13,14 | N/A | N/A | 11,11 | 10,11 | 14,16 | |
| | | 13,13 | 30,32.2 | N/A | X,X | 12,12 | 21,22 | |
| | N/A | N/A | N/A | 7,8 | 8,11 | 16,17 | | |
| M8TL43 | <i>PowerPlex® Fusion</i> | | | | | | | |
| | 3 | 14,18.3 | 19,21 | 12,12 | 15,17 | 10,12 | 8,10 | |
| | | 13,14 | 12,14 | 18,19 | 11,11 | 10,11 | 14,16 | |
| | | 13,13 | 30,32.2 | 11,16 | X,X | 12,12 | 21,22 | |
| | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 | | |
| MD3CLV | <i>Identifiler® Plus</i> | | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 | |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 | |
| | | | | 7,8 | 8,11 | 16,17 | | |
| MJR2BR | <i>Identifiler® Plus</i> | | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | 13,14 | | | 11 | 10,11 | 14,16 | |
| | | 13 | 30,32.2 | | X | 12 | 21,22 | |
| | | | | 7,8 | 8,11 | 16,17 | | |
| MK37MV | <i>Identifiler® Plus</i> | | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | 13,14 | | | 11 | 10,11 | 14,16 | |
| | | 13 | 30,32.2 | | X | 12 | 21,22 | |
| | | | | 7,8 | 8,11 | 16,17 | | |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 3

| | | | | | | | |
|--------|--|---------|---------|-------|-------|-------|-------|
| MLXPQG | <i>Identifiler® Plus, MiniFiler</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| MVHLKB | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| N2N3MN | <i>Identifiler® , MiniFiler, SGMPlus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| N6MTZB | <i>PowerPlex® 16 HS</i> | | | | | | |
| | 3 | | | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | | 30,32.2 | | X,X | 12,12 | 21,22 |
| | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 | |
| NFNN8Y | <i>PowerPlex® 16</i> | | | | | | |
| | 3 | | | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | | 30,32.2 | | X | 12 | 21,22 |
| | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 | |
| NJZYVM | <i>Identifiler® Plus, MiniFiler</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| NRXGGQ | <i>PowerPlex® PP21</i> | | | | | | |
| | 3 | 14,18.3 | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | 18,19 | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 | |
| P2XGKH | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | 7,8 | 8,11 | 16,17 | |
| P3CZ8Z | <i>PowerPlex® FUSION</i> | | | | | | |
| | 3 | 14,18.3 | 19,21 | 12 | 15,17 | 10,12 | 8,10 |
| | | 13,14 | 12,14 | 18,19 | 11 | 10,11 | 14,16 |
| | | 13 | 30,32.2 | 11,16 | X | 12 | 21,22 |
| | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 | |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 3

| | | | | | | | | |
|--------|--------------------------|---|-------|---------|-------|-------|-------|-------|
| P7F7Z9 | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| PE6R77 | <i>Profiler Plus</i> | 3 | | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | | 14,16 | |
| | | | | 30,32.2 | | X,X | | 21,22 |
| | | | | | | | | 16,17 |
| PX2G2Z | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| PX3PDK | <i>Identifiler® Plus</i> | 3 | - | 19,21 | - | 15,17 | 10,12 | 8,10 |
| | | | 13,14 | - | - | 11,11 | 10,11 | 14,16 |
| | | | 13,13 | 30,32.2 | - | X,X | 12,12 | 21,22 |
| | | | - | - | - | 7,8 | 8,11 | 16,17 |
| QPMT27 | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| R69TAG | <i>PowerPlex® 16 HS</i> | 3 | | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 |
| RA7RQE | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| RDQ4MH | <i>PowerPlex® 16 HS</i> | 3 | | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 |
| RTX3RF | <i>Identifiler®</i> | 3 | n/a | 19,21 | n/a | 15,17 | 10,12 | 8,10 |
| | | | 13,14 | n/a | n/a | 11,11 | 10,11 | 14,16 |
| | | | 13,13 | 30,32.2 | n/a | X,X | 12,12 | 21,22 |
| | | | n/a | n/a | n/a | 7,8 | 8,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 3

| | | | | | | | |
|--------|-----------------------------|-------|---------|--|-------|-------|-------|
| RUX24W | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| RW2WMY | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| T6PA3P | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| TC4MRT | <i>PowerPlex® 16</i> | | | | | | |
| | 3 | | | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | | 30,32.2 | | X | 12 | 21,22 |
| | | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 |
| TDHMY4 | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| TF7JGM | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| TQBGJ6 | <i>Identifiler®</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | 13 | 30,32.2 | | X | 12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| TRHVPB | <i>IDPlus and MiniFiler</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| TU939M | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | 13 | 30,32.2 | | X | 12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 3

| | | | | | | | | |
|--------|---|---|---------|---------|---------|-------|-------|-------|
| TWWYRU | <i>Identifiler®</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11 | 10,11 | 14,16 | |
| | | | 13 | 30,32.2 | | X | 12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| TXBQVP | <i>Identifiler®</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| U4P44M | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11 | 10,11 | 14,16 | |
| | | | 13 | 30,32.2 | | X | 12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| U7VL7P | <i>Identifiler® , PowerPlex® , NGM SElect</i> | 3 | 14,18.3 | 19,21 | 12 | 15,17 | 10,12 | 8,10 |
| | | | 13,14 | 12,14 | 18,19 | 11 | 10,11 | 14,16 |
| | | | 13 | 30,32.2 | 11,16 | X | 12 | 21,22 |
| | | | 5,8 | 10,13 | 16,29.2 | 7,8 | 8,11 | 16,17 |
| UCK78J | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| UJ4YDW | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| UNXQNE | <i>2 home made multiplexes</i> | 3 | 14,18.3 | | 12,12 | 15,17 | 10,12 | 8,10 |
| | | | 13,14 | 12,14 | 18,19 | 11,11 | 10,11 | 14,16 |
| | | | | 30,32.2 | 11,16 | X,X | | 21,22 |
| | | | | | 16,29.2 | 7,8 | 8,11 | 16,17 |
| UPDX8B | <i>Identifiler®</i> | 3 | N/A | 19,21 | N/A | 15,17 | 10,12 | 8,10 |
| | | | 13,14 | N/A | N/A | 11,11 | 10,11 | 14,16 |
| | | | 13,13 | 30,32.2 | N/A | X,X | 12,12 | 21,22 |
| | | | N/A | N/A | N/A | 7,8 | 8,11 | 16,17 |
| UPTCFK | <i>PowerPlex® Fusion, ESI17 Pro</i> | 3 | 14,18.3 | 19,21 | 12,12 | 15,17 | 10,12 | 8,10 |
| | | | 13,14 | 12,14 | 18,19 | 11,11 | 10,11 | 14,16 |
| | | | 13,13 | 30,32.2 | 11,16 | X,X | 12,12 | 21,22 |
| | | | 5,8 | 10,13 | 16,29.2 | 7,8 | 8,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 3

| | | | | | | | | |
|--------|----------------------------------|---|---------|---------|---------|-------|-------|-------|
| UX8ZC8 | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| V7AZZY | <i>Identifiler®</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| VCH4DT | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| YYCKNQ | <i>PowerPlex® 16</i> | 3 | | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11 | 10,11 | 14,16 | |
| | | | | 30,32.2 | | X | 12 | 21,22 |
| | | | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 |
| W2GZL4 | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| W443JH | <i>Identifiler®</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| W8JU9P | <i>PowerPlex® PowerPlex® 21</i> | 3 | 14,18.3 | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | | 13,14 | | 18,19 | 11,11 | 10,11 | 14,16 |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 |
| WDRP2K | <i>PowerPlex® FUSION, ESI 17</i> | 3 | 14,18.3 | 19,21 | 12,12 | 15,17 | 10,12 | 8,10 |
| | | | 13,14 | 12,14 | 18,19 | 11,11 | 10,11 | 14,16 |
| | | | 13,13 | 30,32.2 | 11,16 | X,X | 12,12 | 21,22 |
| | | | 5,8 | 10,13 | 16,29.2 | 7,8 | 8,11 | 16,17 |
| WDRYKH | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 3

| | | | | | | | | |
|--------|---|---|---------|---------|---------|-------|-------|-------|
| WFT7GF | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| WNN9KD | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| WZ6H4J | <i>PowerPlex® Fusion, ESI17</i> | 3 | 14,18.3 | 19,21 | 12,12 | 15,17 | 10,12 | 8,10 |
| | | | 13,14 | 12,14 | 18,19 | 11,11 | 10,11 | 14,16 |
| | | | 13,13 | 30,32.2 | 11,16 | X,X | 12,12 | 21,22 |
| | | | 5,8 | 10,13 | 16,29.2 | 7,8 | 8,11 | 16,17 |
| X6QX7V | <i>Profiler Plus</i> | 3 | | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | | 14,16 | |
| | | | | 30,32.2 | | X,X | | 21,22 |
| | | | | | | | | 16,17 |
| XCDNTQ | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| XCTD8H | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| XG4VDK | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| XLYP9Z | <i>COfiler® and Profiler Plus®, Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |
| XLZJUR | <i>Identifiler® Plus</i> | 3 | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | | 13,14 | | 11,11 | 10,11 | 14,16 | |
| | | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | | 7,8 | 8,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 3

| | | | | | | | | |
|--------|---|---------|---------|-------|-------|-------|-------|--|
| Y4VCEP | <i>Identifiler® Plus</i> | | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 | |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 | |
| | | | | 7,8 | 8,11 | 16,17 | | |
| Y4VE39 | <i>Identifiler® Plus, PowerPlex® 16</i> | | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 | |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 | |
| | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 | | |
| Y4YLYF | <i>Identifiler®</i> | | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 | |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 | |
| | | | | 7,8 | 8,11 | 16,17 | | |
| Y66JFX | <i>Identifiler® Plus</i> | | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 | |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 | |
| | | | | 7,8 | 8,11 | 16,17 | | |
| Y68LAN | <i>COfiler® and Profiler Plus®</i> | | | | | | | |
| | 3 | | | | 15,17 | 10,12 | 8,10 | |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 | |
| | | | 30,32.2 | | X,X | 12,12 | 21,22 | |
| | | | | 7,8 | 8,11 | 16,17 | | |
| YFRKV8 | <i>Identifiler®</i> | | | | | | | |
| | 3 | N/A | 19,21 | N/A | 15,17 | 10,12 | 8,10 | |
| | | 13,14 | N/A | N/A | 11,11 | 10,11 | 14,16 | |
| | | 13,13 | 30,32.2 | N/A | X,X | 12,12 | 21,22 | |
| | N/A | N/A | N/A | 7,8 | 8,11 | 16,17 | | |
| YK3329 | <i>Identifiler® Plus</i> | | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 | |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 | |
| | | | | 7,8 | 8,11 | 16,17 | | |
| YRKCRP | <i>PowerPlex® Fusion</i> | | | | | | | |
| | 3 | 14,18.3 | 19,21 | 12 | 15,17 | 10,12 | 8,10 | |
| | | 13,14 | 12,14 | 18,19 | 11 | 10,11 | 14,16 | |
| | | 13 | 30,32.2 | 11,16 | X | 12 | 21,22 | |
| | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 | | |
| YU7NH3 | <i>Identifiler® Plus</i> | | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 | |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 | |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 | |
| | | | | 7,8 | 8,11 | 16,17 | | |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 3

| | | | | | | | |
|--------|------------------------------------|-------|---------|---|-------|-------|-------|
| YUB966 | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | 13 | 30,32.2 | | X,X | 12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| YVY9V7 | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| YZT7KX | <i>COfiler® and Profiler Plus®</i> | | | | | | |
| | 3 | | | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | | 30,32.2 | | X,X | 12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| ZETYG7 | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |
| ZKZ4UZ | <i>PowerPlex® 16, HS</i> | | | | | | |
| | 3 | | | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 |
| ZPQ9CN | <i>PowerPlex® 16</i> | | | | | | |
| | 3 | | | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11 | 10,11 | 14,16 |
| | | | 30,32.2 | | X | 12 | 21,22 |
| | | 5,8 | 10,13 | | 7,8 | 8,11 | 16,17 |
| ZYD9PC | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | - | 19,21 | - | 15,17 | 10,12 | 8,10 |
| | | 13,14 | - | - | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | - | X,X | 12,12 | 21,22 |
| | | - | - | - | 7,8 | 8,11 | 16,17 |
| ZZUFXF | <i>Identifiler® Plus</i> | | | | | | |
| | 3 | | 19,21 | | 15,17 | 10,12 | 8,10 |
| | | 13,14 | | | 11,11 | 10,11 | 14,16 |
| | | 13,13 | 30,32.2 | | X,X | 12,12 | 21,22 |
| | | | | | 7,8 | 8,11 | 16,17 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 4

| | | | | | | | |
|--------|--|-------|-----------|-------|-------|-------|-------|
| 2BLYL | <i>Identifiler®</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 2CMWMG | <i>Identifiler®</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 2FF3YX | <i>Investigator ESSPlex Plus</i> | | | | | | |
| | 4 | 11,15 | 17,21 | 10,11 | 14,15 | | |
| | | 10,15 | 13,16 | 16,23 | | 11,12 | 13,15 |
| | | 14,16 | 31.2 | 15,16 | X,Y | | 19,23 |
| | | | | | 7,9 | | 18,19 |
| 2NVE6Q | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 2T4869 | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 34YX3L | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 3864ZF | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 3A8NLE | <i>Qiagen Investigator IDplex Plus Kit</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 3BKXGD | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 4

| | | | | | | | |
|--------|--|-------|-----------|--|-------|-------|-------|
| 3JVMAY | PowerPlex® PowerPlex® 16, PowerPlex® 16 HS | | | | | | |
| | 4 | | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| 3PNPFJ | Identifiler® | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 3V8TKZ | Identifiler® Plus | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 42U394 | PowerPlex® PP16 | | | | | | |
| | 4 | | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| 46CU4J | Identifiler® | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 49TMCK | Identifiler® Plus | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 49URX2 | Identifiler® Plus | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 4A6V8J | Identifiler® | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 4DMLNV | Identifiler® & ID+ | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 4

| | | | | | | | | |
|--------|--------------------------------|---|-------|-----------|-------|-------|-------|-------|
| 4J8EMT | Identifiler® Plus | 4 | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | | 10,15 | | 8,12 | 11,12 | 13,15 | |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| 4MAHQV | PowerPlex® 16 | 4 | | | 14,15 | 12,12 | 8,10 | |
| | | | 10,15 | | 8,12 | 11,12 | 13,15 | |
| | | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| 4R4EEM | Identifiler® Plus | 4 | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | | 10,15 | | 8,12 | 11,12 | 13,15 | |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| 4TFQ2B | PowerPlex® Fusion | 4 | 11,15 | 17,21 | 10,11 | 14,15 | 12 | 8,10 |
| | | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| 68V7K2 | Identifiler® Plus | 4 | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | | 10,15 | | 8,12 | 11,12 | 13,15 | |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| 68WQ63 | PowerPlex® 16 HS | 4 | | | 14,15 | 12,12 | 8,10 | |
| | | | 10,15 | | 8,12 | 11,12 | 13,15 | |
| | | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| 6LBWCV | Identifiler®, Identifiler Plus | 4 | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | | 10,15 | | 8,12 | 11,12 | 13,15 | |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| 6LEFYX | Identifiler® Plus | 4 | - | 17,21 | - | 14,15 | 12 | 8,10 |
| | | | 10,15 | - | - | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2 | - | X,Y | 11,12 | 19,23 |
| | | | - | - | - | 7,9 | 9,11 | 18,19 |
| 6RNGK2 | Identifiler® | 4 | N/A | 17,21 | N/A | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | N/A | N/A | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | N/A | X,Y | 11,12 | 19,23 |
| | | | N/A | N/A | N/A | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 4

| | | | | | | | |
|--------|-------------------------------------|-------|-----------|---|-------|-------|-------|
| 6TYRK8 | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 6YL6EM | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 72N288 | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 76KQNE | <i>Identifiler®</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 7LT3BK | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 7ZRLVB | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 83BM7V | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | - | 17,21 | - | 14,15 | 12 | 8,10 |
| | | 10,15 | - | - | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | - | X,Y | 11,12 | 19,23 |
| | | - | - | - | 7,9 | 9,11 | 18,19 |
| 8DCNQ8 | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 8H3VB2 | <i>Identifiler® Plus, MiniFiler</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 4

| | | | | | | | | |
|--------|---------------------------------|-------|-----------|---------|-------|-------|-------|--|
| 8U4QMY | <i>Identifiler®</i> | | | | | | | |
| | 4 | N/A | 17,21 | N/A | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | N/A | N/A | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | N/A | X,Y | 11,12 | 19,23 | |
| | | N/A | N/A | N/A | 7,9 | 9,11 | 18,19 | |
| 8YUX8R | <i>PowerPlex® 16</i> | | | | | | | |
| | 4 | | | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 | |
| 943E3E | <i>PowerPlex® 16</i> | | | | | | | |
| | 4 | | | | 14,15 | 12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | | 31.2 | | X,Y | 11,12 | 19,23 | |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 | |
| 96HQM6 | <i>Identifiler® Plus</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | | 7,9 | 9,11 | 18,19 | |
| 96XL26 | <i>PowerPlex® Fusion, ESX17</i> | | | | | | | |
| | 4 | 11,15 | 17,21 | 10,11 | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | 15,16 | X,Y | 11,12 | 19,23 | |
| | | 9,12 | 11,18 | 18,29.2 | 7,9 | 9,11 | 18,19 | |
| 97QPZY | <i>Identifiler® Plus</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | | 7,9 | 9,11 | 18,19 | |
| 9GNT28 | <i>Identifiler® Plus</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | | 7,9 | 9,11 | 18,19 | |
| 9KAZEW | <i>Identifiler®</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | | 7,9 | 9,11 | 18,19 | |
| 9QDE87 | <i>Identifiler® Plus</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | | 7,9 | 9,11 | 18,19 | |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 4

| | | | | | | | |
|--------|-------------------------------------|-------|-----------|--|-------|-------|-------|
| 9Z36RD | <i>Identifiler®</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| 9ZHNEV | <i>Identifiler® Plus, MiniFiler</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| AF9QTE | <i>COfiler® and Profiler Plus®</i> | | | | | | |
| | 4 | | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| BAGZLA | <i>Identifiler®</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| BAZP8B | <i>Identifiler®</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| BKK7L3 | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| BTFJTC | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| BWGXMA | <i>PowerPlex® 16</i> | | | | | | |
| | 4 | | | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| BYXMMD | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 4

| | | | | | | | |
|--------|----------------------------------|--|--|--|-----------------------------|---------------------------------|---------------------------------|
| BZF274 | <i>PowerPlex® Fusion, ESI 17</i> | | | | | | |
| | 4 | 11,15 10,15 14,16 9,12 | 17,21 13,16 31.2,31.2 11,18 | 10,11 16,23 15,16 18,29.2 | 14,15 8,12 X,Y 7,9 | 12,12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| C3XKND | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | 10,15 14,16 | 17,21 31.2,31.2 | | 14,15 8,12 X,Y 7,9 | 12,12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| C7HCXU | <i>Identifiler®</i> | | | | | | |
| | 4 | N/A 10,15 14,16 N/A | 17,21 N/A 31.2,31.2 N/A | N/A N/A N/A N/A | 14,15 8,12 X,Y 7,9 | 12,12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| C7JUQ4 | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | 10,15 14,16 | 17,21 31.2,31.2 | | 14,15 8,12 X,Y 7,9 | 12,12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| CF3DZ3 | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | 10,15 14,16 | 17,21 31.2 | | 14,15 8,12 X,Y 7,9 | 12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| CGYTCY | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | 10,15 14,16 | 17,21 31.2,31.2 | | 14,15 8,12 X,Y 7,9 | 12,12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| CKVHT7 | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | 10,15 14,16 | 17,21 31.2 | | 14,15 8,12 X,Y 7,9 | 12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| CLQ2WT | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | 10,15 14,16 | 17,21 31.2,31.2 | | 14,15 8,12 X,Y 7,9 | 12,12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |
| CMJR38 | <i>Identifiler®</i> | | | | | | |
| | 4 | not tested 10,15 14,16 not tested | 17,21 not tested 31.2,31.2 not tested | not tested not tested not tested not tested | 14,15 8,12 X,Y 7,9 | 12,12 11,12 11,12 9,11 | 8,10 13,15 19,23 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 4

| | | | | | | | | |
|--------|---|---|-------|-----------|-------|-------|-------|-------|
| CTTZA | PowerPlex® 21 | 4 | 11,15 | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | | 16,23 | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| DFGZDB | PowerPlex® 16 | 4 | | | | 14,15 | 12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| DKCQL8 | PowerPlex® 16 | 4 | | | | 14,15 | 12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| DP7QWW | Identifiler® Plus | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| E9FZKZ | Identifiler®, MiniFiler, SGM Plus (34 cycles) | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| EJD787 | PowerPlex® 16 | 4 | | | | 14,15 | 12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| EMXMED | Identifiler® Plus | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| ENRNM3 | Identifiler® | 4 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| EVNFVW | Identifiler® Plus | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 4

| | | | | | | | |
|--------|-------------------------------------|-------|-----------|-------|-------|-------|-------|
| EW3XY3 | <i>Identifiler®</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |
| F8JEDA | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |
| FAJEZ6 | <i>PowerPlex® 16 HS, ESI 17 Pro</i> | | | | | | |
| | 4 | 11,15 | 17,21 | 10,11 | 14,15 | 12 | 8,10 |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | 9,12 | 11,18 | 18,29.2 | 7,9 | 9,11 | 18,19 | |
| FG2VN9 | <i>COfiler® and Profiler Plus®</i> | | | | | | |
| | 4 | | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |
| FLY3FX | <i>Identifiler®</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |
| FR9VG3 | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |
| FZYJBK | <i>PowerPlex® 16, HS</i> | | | | | | |
| | 4 | | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 | |
| G2CX9Y | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |
| GN4PF3 | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------------|--|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
| Item 4 | | | | | | | |
| GTDEMV | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| GY3M2G | <i>Identifiler® , Identifiler Plus</i> | | | | | | |
| | 4 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| H278DZ | <i>Identifiler® Plus, PowerPlex® 16 HS, FUSION, NGMS</i> | | | | | | |
| | 4 | 11,15 | 17,21 | 10,11 | 14,15 | 12 | 8,10 |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | 18,29.2 | 7,9 | 9,11 | 18,19 |
| H8UM8Y | <i>Identifiler®</i> | | | | | | |
| | 4 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| HBA6G4 | <i>Identifiler®</i> | | | | | | |
| | 4 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| HDERWT | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | 17,21 | | | 14,15 | 12 | 8,10 |
| | | 10,15,(16) | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| HNYNQL | <i>Identifiler®</i> | | | | | | |
| | 4 | N/A | 17,21 | N/A | 14,15 | 12,12 | 8,10 |
| | | 10,15 | N/A | N/A | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | N/A | X,Y | 11,12 | 19,23 |
| | | N/A | N/A | N/A | 7,9 | 9,11 | 18,19 |
| HRFL83 | <i>Identifiler® Plus, PowerPlex® 16 HS, ESI 17</i> | | | | | | |
| | 4 | 11,15 | 17,21 | 10,11 | 14,15 | 12 | 8,10 |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | 18,29.2 | 7,9 | 9,11 | 18,19 |
| HRHJTE | <i>COfiler® and Profiler Plus®</i> | | | | | | |
| | 4 | | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | | 13,15 |
| | | | 31.2,31.2 | | X,Y | | 19,23 |
| | | | | | | | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 4

| | | | | | | | |
|--------|--|-------|-----------|--|-------|-------|-------|
| HU9PCP | <i>Identifiler® Plus, PowerPlex® 16, MiniFiler</i> | | | | | | |
| | 4 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| HWPKYV | <i>Identifiler® Plus, MiniFiler</i> | | | | | | |
| | 4 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| J3CULY | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | 17,21 | | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| J48DPK | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| J4PEGU | <i>Identifiler®</i> | | | | | | |
| | 4 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| JCYN32 | <i>PowerPlex® 16</i> | | | | | | |
| | 4 | | | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| JGYUMY | <i>Identifiler®</i> | | | | | | |
| | 4 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| JKEWG6 | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| JLR4Q6 | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | 17,21 | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 4

| | | | | | | | | |
|--------|------------------------------------|---|-------|-----------|---------|-------|-------|-------|
| JW6V7L | PowerPlex® 21 | 4 | 11,15 | 17,21 | - | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | - | 16,23 | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | - | X,Y | 11,12 | 19,23 |
| | | | 9,12 | 11,18 | - | 7,9 | 9,11 | 18,19 |
| JYBN9D | Identifiler® Plus | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| K9GF69 | Identifiler® , Identifiler Plus | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| KE3DVG | PowerPlex® 16 and PowerPlex® 16 HS | 4 | | | | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| KEJZEC | PowerPlex® fusion | 4 | 11,15 | 17,21 | 10,11 | 14,15 | 12 | 8,10 |
| | | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| KFGXHZ | Identifiler® Plus | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| KL4M4V | PowerPlex® Fusion, ESX 17 | 4 | 11,15 | 17,21 | 10,11 | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | | | 9,12 | 11,18 | 18,29.2 | 7,9 | 9,11 | 18,19 |
| KMULZK | Identifiler® Plus | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |
| KXETYA | Identifiler® Plus | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 4

| | | | | | | | | |
|--------|--|-------|-----------|-------|-------|-------|-------|--|
| LBXR63 | <i>Identifiler® Plus</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | | 18,19 | |
| LPZTUK | <i>PowerPlex® 16, 16 HS</i> | | | | | | | |
| | 4 | | | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | 9,12 | 11,18 | | 7,9 | 9,11 | | 18,19 | |
| LVMJH2 | <i>Identifiler® , PowerPlex® PowerPlex®21, GlobalFiler</i> | | | | | | | |
| | 4 | 11,15 | 17,21 | 10,11 | 14,15 | 12 | 8,10 | |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2 | 15,16 | X,Y | 11,12 | 19,23 | |
| | 9,12 | 11,18 | 18,29.2 | 7,9 | 9,11 | | 18,19 | |
| M4FDT4 | <i>Identifiler® Identifiler Plus</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | | 18,19 | |
| M6P2RH | <i>Identifiler®</i> | | | | | | | |
| | 4 | N/A | 17,21 | N/A | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | N/A | N/A | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | N/A | X,Y | 11,12 | 19,23 | |
| | N/A | N/A | N/A | 7,9 | 9,11 | | 18,19 | |
| M8TL43 | <i>PowerPlex® Fusion</i> | | | | | | | |
| | 4 | 11,15 | 17,21 | 10,11 | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | 15,16 | X,Y | 11,12 | 19,23 | |
| | 9,12 | 11,18 | | 7,9 | 9,11 | | 18,19 | |
| MD3CLV | <i>Identifiler® Plus</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | | 18,19 | |
| MJR2BR | <i>Identifiler® Plus</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | | 18,19 | |
| MK37MV | <i>Identifiler® Plus</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | | 18,19 | |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 4

| | | | | | | | | |
|--------|--|------------|-----------|-------|-------|-------|-------|--|
| MLXPQG | <i>Identifiler® Plus, MiniFiler</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| MVHLKB | <i>Identifiler® Plus</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| N2N3MN | <i>Identifiler® , MiniFiler, SGMPlus</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| N6MTZB | <i>PowerPlex® 16 HS</i> | | | | | | | |
| | 4 | | | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 | | |
| NFNN8Y | <i>PowerPlex® 16</i> | | | | | | | |
| | 4 | | | | 14,15 | 12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | | 31.2 | | X,Y | 11,12 | 19,23 | |
| | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 | | |
| NJZYVM | <i>Identifiler® Plus, MiniFiler</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12 | 8,10 | |
| | | 10,15,(16) | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| NRXGGQ | <i>PowerPlex® PP21</i> | | | | | | | |
| | 4 | 11,15 | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | 16,23 | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 | | |
| P2XGKH | <i>Identifiler® Plus</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| P3CZ8Z | <i>PowerPlex® FUSION</i> | | | | | | | |
| | 4 | 11,15 | 17,21 | 10,11 | 14,15 | 12 | 8,10 | |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2 | 15,16 | X,Y | 11,12 | 19,23 | |
| | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 | | |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------------|--------------------------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
| Item 4 | | | | | | | |
| P7F7Z9 | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| PE6R77 | <i>Profiler Plus</i> | | | | | | |
| | 4 | | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | | 13,15 |
| | | | 31.2,31.2 | | X,Y | | 19,23 |
| | | | | | | | 18,19 |
| PX2G2Z | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| PX3PDK | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | - | 17,21 | - | 14,15 | 12,12 | 8,10 |
| | | 10,15 | - | - | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | - | X,Y | 11,12 | 19,23 |
| | | - | - | - | 7,9 | 9,11 | 18,19 |
| QPMT27 | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| R69TAG | <i>PowerPlex® 16 HS</i> | | | | | | |
| | 4 | | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| RA7RQE | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| RDQ4MH | <i>PowerPlex® 16 HS</i> | | | | | | |
| | 4 | | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| RTX3RF | <i>Identifiler®</i> | | | | | | |
| | 4 | n/a | 17,21 | n/a | 14,15 | 12,12 | 8,10 |
| | | 10,15 | n/a | n/a | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | n/a | X,Y | 11,12 | 19,23 |
| | | n/a | n/a | n/a | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 4

| | | | | | | | |
|--------|-----------------------------|-------|-----------|-----|-------|-------|-------|
| RUX24W | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |
| RW2WMY | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |
| T6PA3P | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |
| TC4MRT | <i>PowerPlex® 16</i> | | | | | | |
| | 4 | | | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | 7,9 | 9,11 | 18,19 | |
| TDHMY4 | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |
| TF7JGM | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |
| TQBGJ6 | <i>Identifiler®</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |
| TRHVPB | <i>IDPlus and MiniFiler</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |
| TU939M | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | 7,9 | 9,11 | 18,19 | |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 4

| | | | | | | | | |
|--------|--|---|-------|-----------|---------|-------|-------|-------|
| TWWYRU | Identifiler® | 4 | 17,21 | | 14,15 | 12 | 8,10 | |
| | | | 10,15 | | 8,12 | 11,12 | 13,15 | |
| | | | 14,16 | 31.2 | X,Y | 11,12 | 19,23 | |
| | | | | | 7,9 | 9,11 | 18,19 | |
| TXBQVP | Identifiler® | 4 | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | | 10,15 | | 8,12 | 11,12 | 13,15 | |
| | | | 14,16 | 31.2,31.2 | X,Y | 11,12 | 19,23 | |
| | | | | | 7,9 | 9,11 | 18,19 | |
| U4P44M | Identifiler® Plus | 4 | 17,21 | | 14,15 | 12 | 8,10 | |
| | | | 10,15 | | 8,12 | 11,12 | 13,15 | |
| | | | 14,16 | 31.2 | X,Y | 11,12 | 19,23 | |
| | | | | | 7,9 | 9,11 | 18,19 | |
| U7VL7P | Identifiler® , PowerPlex® , NGM SElect | 4 | 11,15 | 17,21 | 10,11 | 14,15 | 12 | 8,10 |
| | | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | | | 9,12 | 11,18 | 18,29.3 | 7,9 | 9,11 | 18,19 |
| UCK78J | Identifiler® Plus | 4 | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | | 10,15 | | 8,12 | 11,12 | 13,15 | |
| | | | 14,16 | 31.2,31.2 | X,Y | 11,12 | 19,23 | |
| | | | | | 7,9 | 9,11 | 18,19 | |
| UJ4YDW | Identifiler® Plus | 4 | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | | 10,15 | | 8,12 | 11,12 | 13,15 | |
| | | | 14,16 | 31.2,31.2 | X,Y | 11,12 | 19,23 | |
| | | | | | 7,9 | 9,11 | 18,19 | |
| UNXQNE | 2 home made multiplexes | 4 | 11,15 | | 10,11 | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | | | 31.2,31.2 | 15,16 | X,Y | | 19,23 |
| | | | | | 18,29.2 | 7,9 | 9,11 | 18,19 |
| UPDX8B | Identifiler® | 4 | N/A | 17,21 | N/A | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | N/A | N/A | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | N/A | X,Y | 11,12 | 19,23 |
| | | | N/A | N/A | N/A | 7,9 | 9,11 | 18,19 |
| UPTCFK | PowerPlex® Fusion, ESI17 Pro | 4 | 11,15 | 17,21 | 10,11 | 14,15 | 12,12 | 8,10 |
| | | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | | 14,16 | 31.2,31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | | | 9,12 | 11,18 | 18,29.2 | 7,9 | 9,11 | 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 4

| | | | | | | | |
|--------|----------------------------------|-------|-----------|-------|------------|---------------|----------------|
| UX8ZC8 | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y 7,9 | 11,12 9,11 | 19,23 18,19 |
| V7AZZY | <i>Identifiler®</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y 7,9 | 11,12 9,11 | 19,23 18,19 |
| VCH4DT | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y 7,9 | 11,12 9,11 | 19,23 18,19 |
| YYCKNQ | <i>PowerPlex® 16</i> | | | | | | |
| | 4 | | | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2 | | X,Y | 11,12 | 19,23 |
| | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 | |
| W2GZL4 | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y 7,9 | 11,12 9,11 | 19,23 18,19 |
| W443JH | <i>Identifiler®</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y 7,9 | 11,12 9,11 | 19,23 18,19 |
| W8JU9P | <i>PowerPlex® PowerPlex® 21</i> | | | | | | |
| | 4 | 11,15 | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | 16,23 | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 | |
| WDRP2K | <i>PowerPlex® FUSION, ESI 17</i> | | | | | | |
| | 4 | 11,15 | 17,21 | 10,11 | 14,15 | 12,12 | 8,10 |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | 15,16 | X,Y | 11,12 | 19,23 |
| | 9,12 | 11,18 | 18,29.2 | 7,9 | 9,11 | 18,19 | |
| WDRYKH | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y 7,9 | 11,12 9,11 | 19,23 18,19 |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 4

| | | | | | | | | |
|--------|---|-------|-----------|-------|-------|-------|-------|--|
| WFT7GF | <i>Identifiler® Plus</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| WNN9KD | <i>Identifiler® Plus</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| WZ6H4J | <i>PowerPlex® Fusion, ES17</i> | | | | | | | |
| | 4 | 11,15 | 17,21 | 10,11 | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | 15,16 | X,Y | 11,12 | 19,23 | |
| | 9,12 | 11,18 | 18,29.2 | 7,9 | 9,11 | 18,19 | | |
| X6QX7V | <i>Profiler Plus</i> | | | | | | | |
| | 4 | | | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | | 13,15 | |
| | | | 31.2,31.2 | | X,Y | | 19,23 | |
| | | | | | | 18,19 | | |
| XCDNTQ | <i>Identifiler® Plus</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| XCTD8H | <i>Identifiler® Plus</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| XG4VDK | <i>Identifiler® Plus</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| XLYP9Z | <i>COfiler® and Profiler Plus®, Identifiler® Plus</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| XLZJUR | <i>Identifiler® Plus</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 4

| | | | | | | | | |
|--------|---|-------|-----------|-------|-------|-------|-------|--|
| Y4VCEP | <i>Identifiler® Plus</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| Y4VE39 | <i>Identifiler® Plus, PowerPlex® 16</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 | | |
| Y4YLYF | <i>Identifiler®</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| Y66JFX | <i>Identifiler® Plus</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| Y68LAN | <i>COfiler® and Profiler Plus®</i> | | | | | | | |
| | 4 | | | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| YFRKV8 | <i>Identifiler®</i> | | | | | | | |
| | 4 | N/A | 17,21 | N/A | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | N/A | N/A | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | N/A | X,Y | 11,12 | 19,23 | |
| | N/A | N/A | N/A | 7,9 | 9,11 | 18,19 | | |
| YK3329 | <i>Identifiler® Plus</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |
| YRKCRP | <i>PowerPlex® Fusion</i> | | | | | | | |
| | 4 | 11,15 | 17,21 | 10,11 | 14,15 | 12 | 8,10 | |
| | | 10,15 | 13,16 | 16,23 | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2 | 15,16 | X,Y | 11,12 | 19,23 | |
| | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 | | |
| YU7NH3 | <i>Identifiler® Plus</i> | | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 | |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 | |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 | |
| | | | | 7,9 | 9,11 | 18,19 | | |

TABLE 1

| WebCode | Item | D1S1656 D8S1179 D19S433 Penta D | D2S1338 D10S1248 D21S11 Penta E | D2S441 D12S391 D22S1045 SE33 | D3S1358 D13S317 Amelogenin TH01 | D5S818 D16S539 CSF1PO TPOX | D7S820 D18S51 FGA vWA |
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|
|---------|------|--|--|---------------------------------------|--|-------------------------------------|--------------------------------|

Item 4

| | | | | | | | |
|--------|------------------------------------|-------|-----------|---|-------|-------|-------|
| YUB966 | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| YVY9V7 | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| YZT7KX | <i>COfiler® and Profiler Plus®</i> | | | | | | |
| | 4 | | | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| ZETYG7 | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |
| ZKZ4UZ | <i>PowerPlex® 16, HS</i> | | | | | | |
| | 4 | | | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| ZPQ9CN | <i>PowerPlex® 16</i> | | | | | | |
| | 4 | | | | 14,15 | 12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | | 31.2 | | X,Y | 11,12 | 19,23 |
| | | 9,12 | 11,18 | | 7,9 | 9,11 | 18,19 |
| ZYD9PC | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | - | 17,21 | - | 14,15 | 12,12 | 8,10 |
| | | 10,15 | - | - | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | - | X,Y | 11,12 | 19,23 |
| | | - | - | - | 7,9 | 9,11 | 18,19 |
| ZZUFXF | <i>Identifiler® Plus</i> | | | | | | |
| | 4 | | 17,21 | | 14,15 | 12,12 | 8,10 |
| | | 10,15 | | | 8,12 | 11,12 | 13,15 |
| | | 14,16 | 31.2,31.2 | | X,Y | 11,12 | 19,23 |
| | | | | | 7,9 | 9,11 | 18,19 |

YSTR Results

TABLE 2

| WebCode | Item | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 | |
|---------|---------------------------|--------|--------|----------|-----------|--------|-----------|--------|--------|--|
| | | DYS437 | DYS438 | DYS439 | DYS448 | DYS456 | DYS458 | DYS481 | DYS533 | |
| | | DYS549 | DYS570 | DYS576 | DYS635 | DYS643 | Y GATA H4 | YIndel | | |
| Item 1 | | | | | | | | | | |
| 6LEFYX | Yfiler® 1 | - | - | - | - | - | - | - | - | |
| | | - | - | - | - | - | - | - | - | |
| | | - | - | - | - | - | - | - | - | |
| 83BM7V | Yfiler® 1 | - | - | - | - | - | - | - | - | |
| | | - | - | - | - | - | - | - | - | |
| | | - | - | - | - | - | - | - | - | |
| 96XL26 | PowerPlex® Y 23 1 | | | | | | | | | |
| | | | | | | | | | | |
| 9KAZEW | Yfiler® 1 | NA | NA | NA | NA | NA | NA | NA | NA | |
| | | NA | NA | NA | NA | NA | NA | NA | NA | |
| | | | | | NA | | NA | | | |
| 9WK3PD | Yfiler® 1 | NR | NR | NR | NR | NR | NR | NR | NR | |
| | | NR | NR | NR | NR | NR | NR | NR | NR | |
| | | | | | NR | | NR | | | |
| A847MK | Yfiler® 1 | NR | NR | NR | NR | NR | NR | NR | NR | |
| | | NR | NR | NR | NR | NR | NR | NR | NR | |
| | | | | | NR | | NR | | | |
| B9P62L | Global Filer Express 1 | | | | | | | | | |
| | | | | | | | | | | |
| BAGZLA | Yfiler® 1 | | | | | | | | | |
| | | | | | | | | | | |
| BKK7L3 | Yfiler® 1 | | | | | | | | | |
| | | | | | | | | | | |
| BWGXMA | Yfiler® 1 | NR | NR | NR | NR | NR | NR | NR | NR | |
| | | NR | NR | NR | NR | NR | NR | NR | NR | |
| | | | | | NR | | NR | | | |

TABLE 2

| WebCode | Item | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
|---------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| | | DYS437 | DYS438 | DYS439 | DYS448 | DYS456 | DYS458 | DYS481 | DYS533 |
| | | DYS549 | DYS570 | DYS576 | DYS635 | DYS643 | Y GATA H4 | YIndel | |
| Item 1 | | | | | | | | | |
| C7JUQ4 | Yfiler® 1 | | | | | | | | |
| DKCQL8 | Yfiler® 1 | NR NR | NR NR | NR NR | NR NR NR | NR NR | NR NR NR | NR | NR |
| EW3XY3 | Yfiler® 1 | | | | | | | | |
| JCYN32 | Yfiler® 1 | NR NR | NR NR | NR NR | NR NR NR | NR NR | NR NR NR | NR | NR |
| JGYUMY | Yfiler® 1 | | | | | | | | |
| M6P2RH | Yfiler® 1 | N/A N/A N/A | N/A N/A N/A | N/A N/A N/A | N/A N/A N/A | N/A N/A N/A | N/A N/A N/A | N/A N/A N/A | N/A N/A N/A |
| VQLZHT | Yfiler® 1 | NR NR | NR NR | NR NR | NR NR NR | NR NR | NR NR NR | NR | NR |
| YUB966 | Yfiler® 1 | - - | - - | - - | - - | - - | - - | - | - |

TABLE 2

| WebCode | Item | DYS19 DYS437 DYS549 | DYS385 DYS438 DYS570 | DYS389-I DYS439 DYS576 | DYS389-II DYS448 DYS635 | DYS390 DYS456 DYS643 | DYS391 DYS458 Y GATA H4 | DYS392 DYS481 YIndel | DYS393 DYS533 |
|---------------|--------------------------|---------------------------|----------------------------|------------------------------|-------------------------------|----------------------------|-------------------------------|----------------------------|------------------|
| Item 2 | | | | | | | | | |
| 2NVE6Q | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| 3A8NLE | PowerPlex® Y 23 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| 3BKXGD | PowerPlex® Y 23 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| 3JVMAY | PowerPlex® Y Y23 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| 3V8TKZ | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| 49URX2 | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| 4A6V8J | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| 4J8EMT | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| 4MAHQV | PowerPlex® Y 23 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| 4R4EEM | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| 4TFQ2B | PowerPlex® Y Fusion 2 | | | | | | 11 | | |
| | | | | | | | | | |

TABLE 2

| WebCode | Item | DYS19 DYS437 DYS549 | DYS385 DYS438 DYS570 | DYS389-I DYS439 DYS576 | DYS389-II DYS448 DYS635 | DYS390 DYS456 DYS643 | DYS391 DYS458 Y GATA H4 | DYS392 DYS481 YIndel | DYS393 DYS533 |
|---------------|----------------------|---------------------------|----------------------------|------------------------------|-------------------------------|----------------------------|-------------------------------|----------------------------|------------------|
| Item 2 | | | | | | | | | |
| 6LEFYX | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | - | - |
| | | - | - | - | 23 | - | 12 | - | - |
| 6RNGK2 | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | N/A | N/A |
| | | N/A | N/A | N/A | 23 | N/A | 12 | N/A | N/A |
| 6TYRK8 | PowerPlex® Y 23 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| 6YL6EM | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| 72ZWPT | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| 76KQNE | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| 7BQGVQ | 2 | | | | | | 11 | | |
| | | | | | | | | 2 | |
| 7LT3BK | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| 82H84R | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| 83BM7V | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | - | - |
| | | - | - | - | 23 | - | 12 | - | - |
| 8H3VB2 | PowerPlex® Y 23 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |

TABLE 2

| WebCode | Item | DYS19 DYS437 DYS549 | DYS385 DYS438 DYS570 | DYS389-I DYS439 DYS576 | DYS389-II DYS448 DYS635 | DYS390 DYS456 DYS643 | DYS391 DYS458 Y GATA H4 | DYS392 DYS481 YIndel | DYS393 DYS533 |
|---------------|----------------------|---------------------------|----------------------------|------------------------------|-------------------------------|----------------------------|-------------------------------|----------------------------|------------------|
| Item 2 | | | | | | | | | |
| 8U4QMY | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | N/A | N/A |
| | | N/A | N/A | N/A | 23 | N/A | 12 | N/A | |
| 8YUX8R | PowerPlex® Y 23 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| 943E3E | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| 96XL26 | PowerPlex® Y 23 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| 9GNT28 | PowerPlex® Y 23 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| 9KAZEW | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| 9L7FRU | PowerPlex® Y 23 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| 9WK3PD | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| 9Z36RD | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| 9ZHNEV | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| A847MK | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |

TABLE 2

| WebCode | Item | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
|---------|------|--------|--------|----------|-----------|--------|-----------|--------|--------|
| | | DYS437 | DYS438 | DYS439 | DYS448 | DYS456 | DYS458 | DYS481 | DYS533 |
| | | DYS549 | DYS570 | DYS576 | DYS635 | DYS643 | Y GATA H4 | YIndel | |

Item 2

| | | | | | | | | | | |
|--------|----------------------|---|----|-------|----|----|----|----|----|----|
| AF9QTE | PowerPlex® Y 23 | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| ALH84N | 2 | | | | | | | 11 | | |
| | | | | | | | | | 2 | |
| AY77VQ | Yfiler® | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| B9P62L | Global Filer Express | 2 | | | | | | 11 | | |
| | | | | | | | | | 2 | |
| BAGZLA | Yfiler® | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| BAZP8B | Yfiler® | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| BKK7L3 | Yfiler® | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| BTFJTC | Yfiler® | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| BWGXMA | Yfiler® | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| BZF274 | PowerPlex® Y 23 | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| C3XKND | Yfiler® | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |

TABLE 2

| WebCode | Item | DYS19 DYS437 DYS549 | DYS385 DYS438 DYS570 | DYS389-I DYS439 DYS576 | DYS389-II DYS448 DYS635 | DYS390 DYS456 DYS643 | DYS391 DYS458 Y GATA H4 | DYS392 DYS481 YIndel | DYS393 DYS533 |
|---------------|----------------------|---------------------------|----------------------------|------------------------------|-------------------------------|----------------------------|-------------------------------|----------------------------|------------------|
| Item 2 | | | | | | | | | |
| C7HCXU | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | N/A | N/A |
| | | N/A | N/A | N/A | 23 | N/A | 12 | N/A | |
| C7JUQ4 | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| CMJR38 | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | not tested | not tested |
| | | not tested | not tested | not tested | 23 | not tested | 12 | not tested | not tested |
| DFGZDB | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| DKCQL8 | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| DP7QWW | PowerPlex® Y 23 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| EJD787 | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| EMXMED | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| EVNFVW | PowerPlex® Y 23 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| EW3XY3 | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| F8JEDA | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |

TABLE 2

| WebCode | Item | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
|---------|------|--------|--------|----------|-----------|--------|-----------|--------|--------|
| | | DYS437 | DYS438 | DYS439 | DYS448 | DYS456 | DYS458 | DYS481 | DYS533 |
| | | DYS549 | DYS570 | DYS576 | DYS635 | DYS643 | Y GATA H4 | YIndel | |

Item 2

| | | | | | | | | | | |
|--------|------------------|---|-----|-------|-----|----|-----|----|-----|-----|
| FAJEZ6 | PowerPlex® Y 23 | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| FB2BQJ | Yfiler® | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| FG2VN9 | PowerPlex® Y 23 | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| FR9VG3 | Yfiler® | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| GN4PF3 | Yfiler® | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| GTDEMV | Yfiler® | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| H278DZ | PowerPlex® Y Y23 | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| HDERWT | PowerPlex® Y 23 | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| HNYNQL | Yfiler® | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | N/A | N/A |
| | | | N/A | N/A | N/A | 23 | N/A | 12 | N/A | |
| HRFL83 | PowerPlex® Y 23 | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| HU9PCP | Yfiler® | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |

TABLE 2

| WebCode | Item | DYS19 DYS437 DYS549 | DYS385 DYS438 DYS570 | DYS389-I DYS439 DYS576 | DYS389-II DYS448 DYS635 | DYS390 DYS456 DYS643 | DYS391 DYS458 Y GATA H4 | DYS392 DYS481 YIndel | DYS393 DYS533 |
|---------------|-----------------------|---------------------------|----------------------------|------------------------------|-------------------------------|----------------------------|-------------------------------|----------------------------|------------------|
| Item 2 | | | | | | | | | |
| JCYN32 | Yfiler® | | | | | | | | |
| | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| JGYUMY | Yfiler® | | | | | | | | |
| | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| JKEWG6 | Yfiler® | | | | | | | | |
| | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| JYBN9D | Yfiler® | | | | | | | | |
| | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| KE3DVG | PowerPlex® Y 23 | | | | | | | | |
| | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| KEJZEC | PowerPlex® Y Fusion | | | | | | | | |
| | 2 | | | | | | 11 | | |
| KFGXHZ | Yfiler® | | | | | | | | |
| | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| KL4M4V | PowerPlex® Y 23 | | | | | | | | |
| | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| KXETYA | Yfiler® | | | | | | | | |
| | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| LPZTUK | PowerPlex® Y 23 | | | | | | | | |
| | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| LVMJH2 | Yfiler® , Globalfiler | | | | | | | | |
| | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | 2 | |

TABLE 2

| WebCode | Item | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
|---------------|-----------------------|--------|--------|----------|-----------|--------|-----------|--------|--------|
| | | DYS437 | DYS438 | DYS439 | DYS448 | DYS456 | DYS458 | DYS481 | DYS533 |
| | | DYS549 | DYS570 | DYS576 | DYS635 | DYS643 | Y GATA H4 | YIndel | |
| Item 2 | | | | | | | | | |
| M4FDT4 | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| M6P2RH | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | N/A | N/A |
| | | N/A | N/A | N/A | 23 | N/A | 12 | N/A | |
| MD3CLV | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| MJR2BR | PowerPlex® Y 23 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| MLXPQG | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| N2N3MN | PowerPlex® Y 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | | | | | |
| | | | | | | | | | |
| NFNN8Y | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| NJZYVM | PowerPlex® Y 23 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| P3CZ8Z | PowerPlex® Y Y23 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| PX2G2Z | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| RTX3RF | Yfiler® 2 | 14 | 11-13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | n/a | n/a |
| | | n/a | n/a | n/a | 23 | n/a | 12 | n/a | |

TABLE 2

| WebCode | Item | DYS19 DYS437 DYS549 | DYS385 DYS438 DYS570 | DYS389-I DYS439 DYS576 | DYS389-II DYS448 DYS635 | DYS390 DYS456 DYS643 | DYS391 DYS458 Y GATA H4 | DYS392 DYS481 YIndel | DYS393 DYS533 |
|---------------|----------------------|---------------------------|----------------------------|------------------------------|-------------------------------|----------------------------|-------------------------------|----------------------------|------------------|
| Item 2 | | | | | | | | | |
| RUX24W | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| RW2WMY | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| T6PA3P | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| TC4MRT | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| U4P44M | PowerPlex® Y 23 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| U7VL7P | PowerPlex® Y 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| UCK78J | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| UJ4YDW | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| UPDX8B | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | N/A | N/A |
| | | N/A | N/A | N/A | 23 | N/A | 12 | N/A | |
| UPTCFK | PowerPlex® Y 23 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| VCH4DT | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |

TABLE 2

| WebCode | Item | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
|---------------|----------------------|--------|--------|----------|-----------|--------|-----------|--------|--------|
| | | DYS437 | DYS438 | DYS439 | DYS448 | DYS456 | DYS458 | DYS481 | DYS533 |
| | | DYS549 | DYS570 | DYS576 | DYS635 | DYS643 | Y GATA H4 | YIndel | |
| Item 2 | | | | | | | | | |
| VQLZHT | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| VYCKNQ | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| W443JH | PowerPlex® Y 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | | | | | |
| | | | | | | | | | |
| WDRP2K | PowerPlex® Y 23 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| WNN9KD | PowerPlex® Y 23 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| WWJ9Z6 | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| WZ6H4J | PowerPlex® Y 23 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| XCDNTQ | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| XG4VDK | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| XLZJUR | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| Y4VCEP | Yfiler® 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |

TABLE 2

| WebCode | Item | DYS19 DYS437 DYS549 | DYS385 DYS438 DYS570 | DYS389-I DYS439 DYS576 | DYS389-II DYS448 DYS635 | DYS390 DYS456 DYS643 | DYS391 DYS458 Y GATA H4 | DYS392 DYS481 YIndel | DYS393 DYS533 |
|---------------|------------------|---------------------------|----------------------------|------------------------------|-------------------------------|----------------------------|-------------------------------|----------------------------|------------------|
| Item 2 | | | | | | | | | |
| Y4LYF | PowerPlex® Y | | | | | | | | |
| | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | | | | | |
| Y68LAN | PowerPlex® Y 23 | | | | | | | | |
| | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| YFRKVB | Yfiler® | | | | | | | | |
| | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | N/A | N/A |
| | | N/A | N/A | N/A | 23 | N/A | 12 | N/A | |
| YRKCRP | PowerPlex® Y Y23 | | | | | | | | |
| | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| YUB966 | Yfiler® | | | | | | | | |
| | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| YY9V7 | Yfiler® | | | | | | | | |
| | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| ZPQ9CN | Yfiler® | | | | | | | | |
| | 2 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |

TABLE 2

| WebCode | Item | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
|---------|------|--------|--------|----------|-----------|--------|-----------|--------|--------|
| | | DYS437 | DYS438 | DYS439 | DYS448 | DYS456 | DYS458 | DYS481 | DYS533 |
| | | DYS549 | DYS570 | DYS576 | DYS635 | DYS643 | Y GATA H4 | YIndel | |

Item 3

| | | | | | | | | | |
|--------|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 3JVMAY | PowerPlex® Y Y23 3 | No Results | No Results | No Results | No Results | No Results | No Results | No Results | No Results |
| | | No Results | No Results | No Results | No Results | No Results | No Results | No Results | No Results |
| | | No Results | No Results | No Results | No Results | No Results | No Results | No Results | No Results |
| 49URX2 | Yfiler® 3 | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 4MAHQV | PowerPlex® Y 23 3 | No Results | No Results | No Results | No Results | No Results | No Results | No Results | No Results |
| | | No Results | No Results | No Results | No Results | No Results | No Results | No Results | No Results |
| | | No Results | No Results | No Results | No Results | No Results | No Results | No Results | No Results |
| 4R4EEM | Yfiler® 3 | NR | NR | NR | NR | NR | NR | NR | NR |
| | | NR | NR | NR | NR | NR | NR | NR | NR |
| | | | | | | | | | |
| 6LEFYX | Yfiler® 3 | - | - | - | - | - | - | - | - |
| | | - | - | - | - | - | - | - | - |
| | | - | - | - | - | - | - | - | - |
| 83BM7V | Yfiler® 3 | - | - | - | - | - | - | - | - |
| | | - | - | - | - | - | - | - | - |
| | | - | - | - | - | - | - | - | - |
| 8H3VB2 | PowerPlex® Y 23 3 | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 943E3E | Yfiler® 3 | NR | NR | NR | NR | NR | NR | NR | NR |
| | | NR | NR | NR | NR | NR | NR | NR | NR |
| | | | | | | | | | |
| 96XL26 | PowerPlex® Y 23 3 | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 9KAZEW | Yfiler® 3 | NA | NA | NA | NA | NA | NA | NA | NA |
| | | NA | NA | NA | NA | NA | NA | NA | NA |
| | | | | | | | | | |
| 9ZHNEV | Yfiler® 3 | NR | NR | NR | NR | NR | NR | NR | NR |
| | | NR | NR | NR | NR | NR | NR | NR | NR |
| | | | | | | | | | |

TABLE 2

| WebCode | Item | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
|---------|------|--------|--------|----------|-----------|--------|-----------|--------|--------|
| | | DYS437 | DYS438 | DYS439 | DYS448 | DYS456 | DYS458 | DYS481 | DYS533 |
| | | DYS549 | DYS570 | DYS576 | DYS635 | DYS643 | Y GATA H4 | YIndel | |

Item 3

| | | | | | | | | | |
|--------|--------------|------------|------------|------------|------------|------------|------------|------------|------------|
| BAGZLA | Yfiler® 3 | | | | | | | | |
| BKK7L3 | Yfiler® 3 | | | | | | | | |
| BWGXMA | Yfiler® 3 | NR | NR | NR | NR | NR | NR | NR | NR |
| | | NR | NR | NR | NR | NR | NR | | |
| | | | | | NR | | NR | | |
| C7JUQ4 | Yfiler® 3 | | | | | | | | |
| DFGZDB | Yfiler® 3 | NR | NR | NR | NR | NR | NR | NR | NR |
| | | NR | NR | NR | NR | NR | NR | | |
| | | | | | NR | | NR | | |
| DKCQL8 | Yfiler® 3 | NR | NR | NR | NR | NR | NR | NR | NR |
| | | NR | NR | NR | NR | NR | NR | | |
| | | | | | NR | | NR | | |
| EJD787 | Yfiler® 3 | NR | NR | NR | NR | NR | NR | NR | NR |
| | | NR | NR | NR | NR | NR | NR | | |
| | | | | | NR | | NR | | |
| EW3XY3 | Yfiler® 3 | | | | | | | | |
| HU9PCP | Yfiler® 3 | No Results | No Results | No Results | No Results | No Results | No Results | No Results | No Results |
| | | No Results | No Results | No Results | No Results | No Results | No Results | | |
| | | | | | No Results | | No Results | | |
| JCYN32 | Yfiler® 3 | NR | NR | NR | NR | NR | NR | NR | NR |
| | | NR | NR | NR | NR | NR | NR | | |
| | | | | | NR | | NR | | |
| JGYUMY | Yfiler® 3 | | | | | | | | |

TABLE 2

| WebCode | Item | DYS19 DYS437 DYS549 | DYS385 DYS438 DYS570 | DYS389-I DYS439 DYS576 | DYS389-II DYS448 DYS635 | DYS390 DYS456 DYS643 | DYS391 DYS458 Y GATA H4 | DYS392 DYS481 YIndel | DYS393 DYS533 |
|---------------|----------------------|--|--|--|--|--|--|--|--|
| Item 3 | | | | | | | | | |
| JKEWG6 | Yfiler® 3 | NR NR | NR NR | NR NR | NR NR NR | NR NR | NR NR NR | NR | NR |
| LPZTUK | PowerPlex® Y 23 3 | No Results No Results No Results | No Results No Results No Results | No Results No Results No Results | No Results No Results No Results | No Results No Results No Results | No Results No Results No Results | No Results No Results No Results | No Results No Results No Results |
| MLXPQG | Yfiler® 3 | | | | | | | | |
| NFNN8Y | Yfiler® 3 | NR NR | NR NR | NR NR | NR NR NR | NR NR | NR NR NR | NR | NR |
| RUX24W | Yfiler® 3 | NR NR | NR NR | NR NR | NR NR NR | NR NR | NR NR NR | NR | NR |
| TC4MRT | Yfiler® 3 | NR NR | NR NR | NR NR | NR NR NR | NR NR | NR NR NR | NR | NR |
| UPTCFK | PowerPlex® Y 3 | | | | | | | | |
| YCKNQ | Yfiler® 3 | NR NR | NR NR | NR NR | NR NR NR | NR NR | NR NR NR | NR | NR |
| YUB966 | Yfiler® 3 | - - | - - | - - | - - - | - - | - - - | - | - |
| ZPQ9CN | Yfiler® 3 | NR NR | NR NR | NR NR | NR NR NR | NR NR | NR NR NR | NR | NR |

TABLE 2

| WebCode | Item | DYS19 DYS437 DYS549 | DYS385 DYS438 DYS570 | DYS389-I DYS439 DYS576 | DYS389-II DYS448 DYS635 | DYS390 DYS456 DYS643 | DYS391 DYS458 Y GATA H4 | DYS392 DYS481 YIndel | DYS393 DYS533 |
|---------------|--------------------------|---------------------------|----------------------------|------------------------------|-------------------------------|----------------------------|-------------------------------|----------------------------|------------------|
| Item 4 | | | | | | | | | |
| 2NVE6Q | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| 3A8NLE | PowerPlex® Y 23 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| 3BKXGD | PowerPlex® Y 23 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| 3JVMAY | PowerPlex® Y Y23 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| 3V8TKZ | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| 49URX2 | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| 4A6V8J | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| 4J8EMT | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| 4MAHQV | PowerPlex® Y 23 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| 4R4EEM | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| 4TFQ2B | PowerPlex® Y Fusion 4 | | | | | | 11 | | |
| | | | | | | | | | |

TABLE 2

| WebCode | Item | DYS19 DYS437 DYS549 | DYS385 DYS438 DYS570 | DYS389-I DYS439 DYS576 | DYS389-II DYS448 DYS635 | DYS390 DYS456 DYS643 | DYS391 DYS458 Y GATA H4 | DYS392 DYS481 YIndel | DYS393 DYS533 |
|---------------|----------------------|---------------------------|----------------------------|------------------------------|-------------------------------|----------------------------|-------------------------------|----------------------------|------------------|
| Item 4 | | | | | | | | | |
| 6LEFYX | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | - | - |
| | | - | - | - | 23 | - | 12 | - | - |
| 6RNGK2 | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | N/A | N/A |
| | | N/A | N/A | N/A | 23 | N/A | 12 | N/A | N/A |
| 6TYRK8 | PowerPlex® Y 23 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| 6YL6EM | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| 76KQNE | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| 7LT3BK | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| 83BM7V | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | - | - |
| | | - | - | - | 23 | - | 12 | - | - |
| 8H3VB2 | PowerPlex® Y 23 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| 8U4QMY | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | N/A | N/A |
| | | N/A | N/A | N/A | 23 | N/A | 12 | N/A | N/A |
| 8YUX8R | PowerPlex® Y 23 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| 943E3E | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |

TABLE 2

| WebCode | Item | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
|---------|------|--------|--------|----------|-----------|--------|-----------|--------|--------|
| | | DYS437 | DYS438 | DYS439 | DYS448 | DYS456 | DYS458 | DYS481 | DYS533 |
| | | DYS549 | DYS570 | DYS576 | DYS635 | DYS643 | Y GATA H4 | YIndel | |

Item 4

| | | | | | | | | | | |
|--------|-----------------|---|----|-------|----|----|----|----|----|----|
| 96XL26 | PowerPlex® Y 23 | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| 9GNT28 | PowerPlex® Y 23 | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| 9KAZEW | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| 9Z36RD | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| 9ZHNEV | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| AF9QTE | PowerPlex® Y 23 | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| BAGZLA | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| BAZP8B | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| BKK7L3 | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| BTFJTC | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| BWGXMA | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |

TABLE 2

| WebCode | Item | DYS19 DYS437 DYS549 | DYS385 DYS438 DYS570 | DYS389-I DYS439 DYS576 | DYS389-II DYS448 DYS635 | DYS390 DYS456 DYS643 | DYS391 DYS458 Y GATA H4 | DYS392 DYS481 YIndel | DYS393 DYS533 |
|---------------|-----------------|---------------------------|----------------------------|------------------------------|-------------------------------|----------------------------|-------------------------------|----------------------------|------------------|
| Item 4 | | | | | | | | | |
| BZF274 | PowerPlex® Y 23 | | | | | | | | |
| | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| C3XKND | Yfiler® | | | | | | | | |
| | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| C7HCXU | Yfiler® | | | | | | | | |
| | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | N/A | N/A |
| | | N/A | N/A | N/A | 23 | N/A | 12 | N/A | |
| C7JUQ4 | Yfiler® | | | | | | | | |
| | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| CMJR38 | Yfiler® | | | | | | | | |
| | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | not tested | not tested |
| | | not tested | not tested | not tested | 23 | not tested | 12 | not tested | |
| DFGZDB | Yfiler® | | | | | | | | |
| | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| DKCQL8 | Yfiler® | | | | | | | | |
| | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| DP7QWW | PowerPlex® Y 23 | | | | | | | | |
| | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| EJD787 | Yfiler® | | | | | | | | |
| | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| EMXMED | Yfiler® | | | | | | | | |
| | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| EVNFWW | PowerPlex® Y 23 | | | | | | | | |
| | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |

TABLE 2

| WebCode | Item | DYS19 DYS437 DYS549 | DYS385 DYS438 DYS570 | DYS389-I DYS439 DYS576 | DYS389-II DYS448 DYS635 | DYS390 DYS456 DYS643 | DYS391 DYS458 Y GATA H4 | DYS392 DYS481 YIndel | DYS393 DYS533 |
|---------------|----------------------|---------------------------|----------------------------|------------------------------|-------------------------------|----------------------------|-------------------------------|----------------------------|------------------|
| Item 4 | | | | | | | | | |
| EW3XY3 | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| F8JEDA | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| FAJEZ6 | PowerPlex® Y 23 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| FG2VN9 | PowerPlex® Y 23 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| FR9VG3 | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| GN4PF3 | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| GTDEM V | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| H278DZ | PowerPlex® Y 23 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| HDERWT | PowerPlex® Y 23 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| HNYNQL | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | N/A | N/A |
| | | N/A | N/A | N/A | 23 | N/A | 12 | N/A | |
| HRFL83 | PowerPlex® Y 23 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |

TABLE 2

| WebCode | Item | DYS19 DYS437 DYS549 | DYS385 DYS438 DYS570 | DYS389-I DYS439 DYS576 | DYS389-II DYS448 DYS635 | DYS390 DYS456 DYS643 | DYS391 DYS458 Y GATA H4 | DYS392 DYS481 YIndel | DYS393 DYS533 |
|---------------|--------------------------|---------------------------|----------------------------|------------------------------|-------------------------------|----------------------------|-------------------------------|----------------------------|------------------|
| Item 4 | | | | | | | | | |
| HU9PCP | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| JCYN32 | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| JGYUMY | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| JKEWG6 | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| JYBN9D | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| KE3DVG | PowerPlex® Y 23 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| KEJZEC | PowerPlex® Y Fusion 4 | | | | | | 11 | | |
| KFGXHZ | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| KL4M4V | PowerPlex® Y 23 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| KXETYA | Yfiler® 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| LPZTUK | PowerPlex® Y 23 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |

TABLE 2

| WebCode | Item | DYS19 DYS437 DYS549 | DYS385 DYS438 DYS570 | DYS389-I DYS439 DYS576 | DYS389-II DYS448 DYS635 | DYS390 DYS456 DYS643 | DYS391 DYS458 Y GATA H4 | DYS392 DYS481 YIndel | DYS393 DYS533 |
|---------------|-----------------------|---------------------------|----------------------------|------------------------------|-------------------------------|----------------------------|-------------------------------|----------------------------|------------------|
| Item 4 | | | | | | | | | |
| LVMJH2 | Yfiler® , GlobalFiler | | | | | | | | |
| | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | 2 | |
| M4FDT4 | Yfiler® | | | | | | | | |
| | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| M6P2RH | Yfiler® | | | | | | | | |
| | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | N/A | N/A |
| | | N/A | N/A | N/A | 23 | N/A | 12 | N/A | |
| MD3CLV | Yfiler® | | | | | | | | |
| | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| MJR2BR | PowerPlex® Y 23 | | | | | | | | |
| | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| MLXPQG | Yfiler® | | | | | | | | |
| | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| N2N3MN | PowerPlex® Y | | | | | | | | |
| | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | | | | | |
| NFNN8Y | Yfiler® | | | | | | | | |
| | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |
| NJZYVM | PowerPlex® Y 23 | | | | | | | | |
| | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| P3CZ8Z | PowerPlex® Y Y23 | | | | | | | | |
| | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| PX2G2Z | Yfiler® | | | | | | | | |
| | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | 23 | | 12 | | |

TABLE 2

| WebCode | Item | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 | |
|---------------|-----------------|--------|--------|----------|-----------|--------|-----------|--------|--------|-----|
| | | DYS437 | DYS438 | DYS439 | DYS448 | DYS456 | DYS458 | DYS481 | DYS533 | |
| | | DYS549 | DYS570 | DYS576 | DYS635 | DYS643 | Y GATA H4 | YIndel | | |
| Item 4 | | | | | | | | | | |
| RTX3RF | Yfiler® | 4 | 14 | 11-13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | n/a | n/a |
| | | | n/a | n/a | n/a | 23 | n/a | 12 | n/a | |
| RUX24W | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| RW2WMY | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| T6PA3P | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| TC4MRT | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| U4P44M | PowerPlex® Y 23 | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| U7VL7P | PowerPlex® Y | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| UCK78J | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| UJ4YDW | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| UPDX8B | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | N/A | N/A |
| | | | N/A | N/A | N/A | 23 | N/A | 12 | N/A | |
| UPTCFK | PowerPlex® Y 23 | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | | 12 | 17 | 18 | 23 | 10 | 12 | | |

TABLE 2

| WebCode | Item | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 | |
|---------------|-----------------|--------|--------|----------|-----------|--------|-----------|--------|--------|----|
| | | DYS437 | DYS438 | DYS439 | DYS448 | DYS456 | DYS458 | DYS481 | DYS533 | |
| | | DYS549 | DYS570 | DYS576 | DYS635 | DYS643 | Y GATA H4 | YIndel | | |
| Item 4 | | | | | | | | | | |
| VCH4DT | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| YCKNQ | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| W443JH | PowerPlex® Y | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | | | | | |
| | | | | | | | | | | |
| WDRP2K | PowerPlex® Y 23 | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| WNN9KD | PowerPlex® Y 23 | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| WZ6H4J | PowerPlex® Y 23 | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| XCDNTQ | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| XG4VDK | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| XLZJUR | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| Y4VCEP | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| Y4LYF | PowerPlex® Y | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | | | | | |
| | | | | | | | | | | |

TABLE 2

| WebCode | Item | DYS19 DYS437 DYS549 | DYS385 DYS438 DYS570 | DYS389-I DYS439 DYS576 | DYS389-II DYS448 DYS635 | DYS390 DYS456 DYS643 | DYS391 DYS458 Y GATA H4 | DYS392 DYS481 YIndel | DYS393 DYS533 | |
|---------------|------------------|---------------------------|----------------------------|------------------------------|-------------------------------|----------------------------|-------------------------------|----------------------------|------------------|-----|
| Item 4 | | | | | | | | | | |
| Y68LAN | PowerPlex® Y 23 | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| YFRKV8 | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | N/A | N/A |
| | | | N/A | N/A | N/A | 23 | N/A | 12 | N/A | |
| YRKCRP | PowerPlex® Y Y23 | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | 27 | 13 |
| | | | 12 | 17 | 18 | 23 | 10 | 12 | | |
| YUB966 | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| YYV9V7 | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |
| ZPQ9CN | Yfiler® | 4 | 14 | 11,13 | 13 | 29 | 25 | 11 | 14 | 13 |
| | | | 14 | 12 | 12 | 18 | 17 | 17 | | |
| | | | | | | 23 | | 12 | | |

Additional DNA Results

TABLE 3

| Locus | WebCode | Item 1 | Item 2 | Item 3 | Item 4 |
|---------|---------|--------|--------|--------|--------|
| D6 | JW6V7L | 11,11 | 11,12 | 11,12 | 11,12 |
| D6S1043 | CTTZEА | 11,11 | 11,12 | 11,12 | 11,12 |
| | NRXGGQ | 11,11 | 11,12 | 11,12 | 11,12 |
| | W8JU9P | 11,11 | 11,12 | 11,12 | 11,12 |
| DYS391 | M8TL43 | | 11,11 | | |

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 | <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 |
| 2629JX | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | 4DMLNV | No | No | No | Yes |
| 2BLYYL | No | No | No | Yes | 4J8EMT | No | No | No | Yes |
| 2CMWVG | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | 4MAHQV | No | No | No | Yes |
| 2FF3YX | No | No | No | Yes | 4R4EEM | No | No | No | Yes |
| 2JH9CH | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | 4TFQ2B | No | No | No | Yes |
| 2NVE6Q | No | No | No | Yes | 68V7K2 | No | No | No | Yes |
| 2T4869 | No | No | No | Yes | 68WQ63 | No | No | No | Yes |
| 34YX3L | No | No | No | Yes | 6LBWCV | No | No | No | Yes |
| 3864ZF | No | No | No | Yes | 6LEFYX | No | No | No | Yes |
| 3A8NLE | No | No | No | Yes | 6RNGK2 | No | No | No | Yes |
| 3BKXGD | No | No | No | Yes | 6TYRK8 | No | No | No | Yes |
| 3JVMAY | No | No | No | Yes | 6YL6EM | No | No | No | Yes |
| 3PNPFJ | No | No | No | Yes | 72N288 | No | No | No | Yes |
| 3V8TKZ | No | No | No | Yes | 72ZWPT | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| 42U394 | No | No | No | Yes | 76KQNE | No | No | No | Yes |
| 46CU4J | No | No | No | Yes | 7BQGVQ | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| 46U9RF | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | 7GD8DF | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| 49C3EL | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | 7LT3BK | No | No | No | Yes |
| 49TMCK | No | No | No | Yes | 7ZRLVB | No | No | No | Yes |
| 49URX2 | No | No | No | Yes | 82H84R | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| 4A6V8J | No | No | No | Yes | 83BM7V | No | No | No | Yes |

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 |
| 8DCNQ8 | No | No | No | Yes | BAGZLA | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| 8G8C8E | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | BAZP8B | No | No | No | Yes |
| 8H3VB2 | No | No | No | Yes | BHFTCB | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| 8U4QMY | No | No | No | Yes | BKK7L3 | No | No | No | Yes |
| 8YUX8R | No | No | No | Yes | BKLEZB | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| 943E3E | No | No | No | Yes | BTFJTC | No | No | No | Yes |
| 96HQM6 | No | No | No | Yes | BWGXMA | No | No | No | Yes |
| 96XL26 | No | No | No | Yes | BYXMMD | No | No | No | Yes |
| 97QPZY | No | No | No | Yes | BZF274 | No | No | No | Yes |
| 9GNT28 | No | No | No | Yes | C3XKND | No | No | No | Yes |
| 9KAZEW | No | No | No | Yes | C7HCXU | No | No | No | Yes |
| 9L7FRU | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | C7JUQ4 | No | No | No | Yes |
| 9QDE87 | No | No | No | Yes | CF3DZ3 | No | No | No | Yes |
| 9WK3PD | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | CGYTCY | No | No | No | Yes |
| 9WK6EH | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | CKVHT7 | No | No | No | Yes |
| 9Z36RD | No | No | No | Yes | CLQ2WT | No | No | No | Yes |
| 9ZHNEV | No | No | No | Yes | CMJR38 | No | No | No | Yes |
| 9ZMEWU | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | CTTZEZ | No | No | No | Yes |
| A847MK | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | DFGZDB | No | No | No | Yes |
| AF9QTE | No | No | No | Yes | DKCQL8 | No | No | No | Yes |
| ALH84N | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | DP7QWW | No | No | No | Yes |
| AY77VQ | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | E9FZKZ | No | No | No | Yes |
| B9P62L | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | EJD787 | No | No | No | Yes |

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 |
| EMXMED | No | No | No | Yes | HRFL83 | No | No | No | Yes |
| ENRNM3 | No | No | No | Yes | HRHJTE | No | No | No | Yes |
| EVNFWW | No | No | No | Yes | HU9PCP | No | No | No | Yes |
| EW3XY3 | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | HWPKYV | No | No | No | Yes |
| F36BDC | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | J3CULY | No | No | No | Yes |
| F8JEDA | No | No | No | Yes | J48DPK | No | No | No | Yes |
| FAJEZ6 | No | No | No | Yes | J4PEGU | No | No | No | Yes |
| FB2BQJ | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | JCYN32 | No | No | No | Yes |
| FG2VN9 | No | No | No | Yes | JGYUMY | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| FLY3FX | No | No | No | Yes | JKEWG6 | No | No | No | Yes |
| FR9VG3 | No | No | No | Yes | JLR4Q6 | No | No | No | Yes |
| FZYJBK | No | No | No | Yes | JW6V7L | No | No | No | Yes |
| G2CX9Y | No | No | No | Yes | JYBN9D | No | No | No | Yes |
| GN4PF3 | No | No | No | Yes | K9GF69 | No | No | No | Yes |
| GTDEMV | No | No | No | Yes | KE3DVG | No | No | No | Yes |
| GY3M2G | No | No | No | Yes | KEJZEC | No | No | No | Yes |
| H278DZ | No | No | No | Yes | KFGXHZ | No | No | No | Yes |
| H8UM8Y | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | KFT7DY | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| HB9X84 | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | KL4M4V | No | No | No | Yes |
| HBA6G4 | No | No | No | Yes | KMULZK | No | No | No | Yes |
| HDERWT | No | No | No | Yes | KXETYA | No | No | No | Yes |
| HKXJD2 | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | L7LG4F | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| HNYNQL | No | No | No | Yes | LBYS63 | No | No | No | Yes |

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 |
| LPZTUK | No | No | No | Yes | QL2G99 | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| LVMJH2 | No | No | No | Yes | QPMT27 | No | No | No | Yes |
| M4FDT4 | No | No | No | Yes | R69TAG | No | No | No | Yes |
| M6P2RH | No | No | No | Yes | RA7RQE | No | No | No | Yes |
| M8TL43 | No | No | No | Yes | RCAKMX | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| MD3CLV | No | No | No | Yes | RDQ4MH | No | No | No | Yes |
| MJR2BR | No | No | No | Yes | RTX3RF | No | No | No | Yes |
| MK37MV | No | No | No | Yes | RUBAYV | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| MLXPQG | No | No | No | Yes | RUX24W | No | No | No | Yes |
| MVHLKB | No | No | No | Yes | RW2WMY | No | No | No | Yes |
| N2N3MN | No | No | No | Yes | T6PA3P | No | No | No | Yes |
| N6MTZB | No | No | No | Yes | TC4MRT | No | No | No | Yes |
| NFNN8Y | No | No | No | Yes | TC7M3A | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| NJZYVM | No | No | No | Yes | TDHMY4 | No | No | No | Yes |
| NRXGGQ | No | No | No | Yes | TF7JGM | No | No | No | Yes |
| P2XGKH | No | No | No | Yes | TQBGJ6 | No | No | No | Yes |
| P3CZ8Z | No | No | No | Yes | TRHVPB | No | No | No | Yes |
| P7F7Z9 | No | No | No | Yes | TU939M | No | No | No | Yes |
| PC3Q8U | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | TWWYRU | No | No | No | Yes |
| PE6R77 | No | No | No | Yes | TXBQVP | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| PJG8L3 | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | U4P44M | No | No | No | Yes |
| PX2G2Z | No | No | No | Yes | U7VL7P | No | No | No | Yes |
| PX3PDK | No | No | No | Yes | UCK78J | No | No | No | Yes |

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 |
| UJ4YDW | No | No | No | Yes | X6QX7V | No | No | No | Yes |
| UNXQNE | No | No | No | Yes | X8FET4 | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| UPDX8B | No | No | No | Yes | XCDNTQ | No | No | No | Yes |
| UPTCFK | No | No | No | Yes | XCTD8H | No | No | No | Yes |
| UX8ZC8 | No | No | No | Yes | XG4VDK | No | No | No | Yes |
| UXNR8P | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | XLYP9Z | No | No | No | Yes |
| V7AZZY | No | No | No | Yes | XLZJUR | No | No | No | Yes |
| V8LAY4 | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | XZVFYN | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| VB643W | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | Y4VCEP | No | No | No | Yes |
| VCH4DT | No | No | No | Yes | Y4VE39 | No | No | No | Yes |
| VQLZHT | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | Y4YLYF | No | No | No | Yes |
| VUJL6P | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | Y66JFX | No | No | No | Yes |
| VYCKNQ | No | No | No | Yes | Y68LAN | No | No | No | Yes |
| W2D6MB | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | YFRKV8 | No | No | No | Yes |
| W2GZL4 | No | No | No | Yes | YK3329 | No | No | No | Yes |
| W443JH | No | No | No | Yes | YRKCRP | No | No | No | Yes |
| W8JU9P | No | No | No | Yes | YTE6KN | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| WDRP2K | No | No | No | Yes | YU7NH3 | No | No | No | Yes |
| WDRYKH | No | No | No | Yes | YUB966 | No | No | No | Yes |
| WFT7GF | No | No | No | Yes | YVY9V7 | No | No | No | Yes |
| WNN9KD | No | No | No | Yes | YZT7KX | No | No | No | Yes |
| WWJ9Z6 | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | Z24X4K | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | |
| WZ6H4J | No | No | No | Yes | ZETYG7 | No | No | No | Yes |

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 |
| ZKZ4UZ | No | No | No | Yes | | | | | |
| ZPQ9CN | No | No | No | Yes | | | | | |
| ZU4QRJ | No Interpretations Reported, DNA Analyzed for Database purposes only. | | | | | | | | |
| ZYD9PC | No | No | No | Yes | | | | | |
| ZZUFXF | No | No | No | Yes | | | | | |

| Response Summary | | | | | Participants reporting DNA results: 231 | | | | |
|--|-----|-----------------|---------------|--|--|---------------|--|--|--|
| <i>Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?</i> | | | | | | | | | |
| | | Victim (Item 1) | | | Suspect (Item 2) | | | | |
| | | <u>Item 3</u> | <u>Item 4</u> | | <u>Item 3</u> | <u>Item 4</u> | | | |
| Responses | Yes | 0 | 0 | | 0 | 182 | | | |
| | No | 182 | 182 | | 182 | 0 | | | |
| | Inc | 0 | 0 | | 0 | 0 | | | |

Participants not reporting Interpretation results: 49

Additional Comments

TABLE 5

| WebCode | Additional Comments |
|---------|--|
| 49C3EL | Database Laboratory; therefore only Items 1 and 2 were examined. |
| 4R4EEM | NR = no reaction |
| 72ZWPT | [From Table 5 - YSTR Results, Item 1: "No results - female profile"] |
| 7BQGVB | Samples 3 and 4 were not analyzed. 14-077E, EXP-140915-01,14-585 |
| 83BM7V | 1. Item 1 and Item 2 were extracted by in-situ extraction method. 2. Item 3 and Item 4 were extracted using chelex method. Then, quantitation was carried out using ABI Quantifiler Human Kit and run with 7500 Real Time PCR System. 3. Item 3 and Item 4 were amplified using Identifiler Plus Kit. 4. Y-STR was carried out using Y-Filer Kit on Item 1 to Item 4. Electrophoresis was carried out using 3130xl Genetic Analyzer. 5. Reagent blank, positive control and negative control were carried out along the process. |
| 943E3E | NR = No Results |
| 9WK3PD | NR = NO RESULTS |
| 9WK6EH | Database laboratory; therefore only Items 1 and 2 were examined. |
| 9ZMEWU | Items 3 and 4 were not processed for STR analysis. Items 1 and 2 were processed for STR database purposes only. The "No Interpretation" boxes were clicked inadvertently. |
| A847MK | NR = No Results. |
| ALH84N | 14-078E and EXP-140915-02 |
| BKLEZB | N/A = Not Applicable |
| BWGXMA | NR = no results |
| DFGZDB | NR= No Results |
| DKCQL8 | NR = NO RESULTS |
| E9FZKZ | All results obtained from Identifiler, Minifiler and SGM Plus were concordant where appropriate. |
| EJD787 | NR = no results |
| F36BDC | Database laboratory; therefore only Items 1 and 2 were examined. |
| F8JEDA | Use of commas denotes alleles which are associated with each other. |
| H278DZ | A different female profile of the victim, was found in the blood stain of suspect's shirt (item 3). |
| HRFL83 | 1. The suspect (Item 2) is not excluded as a contributor of the blood detected on the victim's skirt (Item 4). 2. The victim (Item 1) is excluded as contributor of the blood detected on the suspect's shirt (Item 3). Were found 25 exclusions in the genetics markers analyzed. 3. An unknown female is not excluded as a contributor of the blood stain on the suspect's shirt (Item 3). |
| JCYN32 | NR: No Results |
| JKEWG6 | NR = No reaction |
| N2N3MN | In relation to items 3 & 4 the DNA results obtained via Identifiler, Minifiler and SGMPlus were consistent at the DNA sites in commen[sic] between the kits. |
| NFNN8Y | NR = No Results |
| PJG8L3 | Database laboratory; therefore only Items 1 and 2 were examined. |

TABLE 5

| WebCode | Additional Comments |
|---------|--|
| QPMT27 | Suspect's profile on victim's shirt[sic] |
| RCAKMX | Database Laboratory; therefore only Items 1 and 2 were examined. |
| RUX24W | NR = No Reaction |
| TC4MRT | NR indicates no results. |
| TC7M3A | Items 3 and 4 were not processed for STR analysis. Items 1 and 2 were processed for STR database purposes. The "No Interpretation" options were clicked inadvertently. |
| V7AZZY | The DNA profile obtained from the reference sample from the suspect matches the DNA profile obtained from biological material from the victim's skirt. |
| VB643W | Database laboratory; therefore only Items 1 and 2 were examined. |
| VQLZHT | NR = No Results |
| VYCKNQ | NR=No Results |
| YUB966 | 1. Item1 and Item 2 were extracted using in situ FTA method. 2. Item 3 and Item 4 were extracted using chelex extraction method and quantitated using Quantifiler Human Quantification kit and 7500 RT PCR instrument. 3. The amplification kits used were Identifiler Direct, Y-filer and Identifiler Plus. 4. All the samples were amplified using 9700 Thermalcycler instrument. 5. The electrophoresis and separation analysis were done using Genetic Analyzer 3130xl instrument and Genemapper ID version 3.2.1. |
| ZPQ9CN | NR- no results |

Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program

Test No. 14-585: DNA-Blood

DATA MUST BE RECEIVED BY November 3, 2014 TO BE INCLUDED IN THE REPORT

Participant Code:

WebCode:

Accreditation Release Statement

CTS submits external proficiency test data directly to ASCLD/LAB and ANSI-ASQ NAB/FQS. 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 and/or ANSI-ASQ NAB/FQS. (Accreditation Release section on the last page must be completed and submitted.)
- This participant's data is **NOT** intended for submission to ASCLD/LAB or ANSI-ASQ NAB/FQS.

Scenario:

Police are investigating an assault and battery case involving a female victim who was attacked while entering her home. Investigators used a detailed description provided by the victim to locate and apprehend the suspect shortly after the incident. Screening has been performed on both samples with the following results: Item 3 (suspect's shirt) and Item 4 (victim's skirt) are positive for blood only. The screening lab is submitting these samples (Items 3 and 4) along with the known blood samples of the female victim and the male suspect.

Items Submitted (Sample Pack S5):

Item 1: Known blood from the female victim.

Item 2: Known blood from the male suspect.

Item 3: Questioned blood stain from the suspect's shirt. (mint green material)

Item 4: Questioned blood stain from the victim's skirt. (cream material with vine pattern)

****Please note the following Significant Changes to the Data Sheet****

Due to the growing use of GlobalFiler™, Powerplex® Fusion and Powerplex® Y23, the Data Sheet has been updated to include the loci represented by these new amplification kits. In addition, the data sheet was redesigned to gather all the information for a single item on one page, including capturing the amplification kit used for the analysis for each Item. As always, the paper version of our data sheet displays loci in alpha-numeric order. To re-order the loci to match your amplification kit, please utilize our online data entry at www.CTS-Portal.com.

Online Data Entry

Visit www.cts-portal.com to enter and/or upload your proficiency test results online. If you have any questions please do not hesitate to contact CTS.

Please return all pages of this data sheet.

Page 1 of 8

Part I: DNA ANALYSIS

DNA Analysis Instructions:

Use the instructions below to complete the following DNA Analysis sections of this data sheet.

- * Report alleles in numerical order, separated by a comma.
- * Follow your laboratory procedures for reporting homozygotes (i.e. X,X or X).

****Please note Data Sheet Changes****

As a reminder, the data sheet has been updated to include loci from the following amplification kits: GlobalFiler™, Powerplex® Fusion and Powerplex® Y23. If a locus is not listed on one of the following four pages of this data sheet, use the "Additional DNA Results" table below to report those results.

Additional DNA Results:

Please use the section below to report results only for loci not available on the following pages.

| | Item 1 | Item 2 | Item 3 | Item 4 |
|-------|----------------------|----------------------|----------------------|----------------------|
| _____ | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| _____ | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| _____ | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| _____ | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

Please return all pages of this data sheet.

Part I (continued): DNA Results for Known Item 1

STR Amplification Kit(s) Used For Item 1: Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. 16, Plus, Direct, 16 HS, etc.).

| | |
|--|---|
| <input type="checkbox"/> COfiler®/Profiler Plus® _____ | <input type="checkbox"/> PowerPlex® _____ |
| <input type="checkbox"/> Identifiler® _____ | <input type="checkbox"/> Other _____ |

| | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D7S820 |
| 1 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 | D18S51 |
| 1 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO | FGA |
| 1 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | Penta D | Penta E | SE33 | TH01 | TPOX | vWA |
| 1 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

YSTR Amplification Kit(s) Used For Item 1: Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. Plus, 23, etc.).

| | |
|--|---|
| <input type="checkbox"/> Yfiler® _____ | <input type="checkbox"/> PowerPlex® Y _____ |
| <input type="checkbox"/> Other _____ | |

| | | | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| 1 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | DYS437 | DYS438 | DYS439 | DYS448 | DYS456 | DYS458 | DYS481 | DYS533 |
| 1 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | DYS549 | DYS570 | DYS576 | DYS635 | DYS643 | Y GATA H4 | Y Indel |
| 1 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Part I (continued): DNA Results for Known Item 2

STR Amplification Kit(s) Used For Item 2: Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. 16, Plus, Direct, 16 HS, etc.).

COfiler®/Profiler Plus® _____ PowerPlex® _____

Identifiler® _____ Other _____

| | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D7S820 |
| 2 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 | D18S51 |
| 2 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO | FGA |
| 2 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | Penta D | Penta E | SE33 | TH01 | TPOX | vWA |
| 2 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

YSTR Amplification Kit(s) Used For Item 2: Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. Plus, 23, etc.).

Yfiler® _____ PowerPlex® Y _____

Other _____

| | | | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| 2 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | DYS437 | DYS438 | DYS439 | DYS448 | DYS456 | DYS458 | DYS481 | DYS533 |
| 2 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | DYS549 | DYS570 | DYS576 | DYS635 | DYS643 | Y GATA H4 | Y Indel |
| 2 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Please return all pages of this data sheet.

Part I (continued): DNA Results for Questioned Item 3

STR Amplification Kit(s) Used For Item 3 Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. 16, Plus, Direct, 16 HS, etc.).

| | |
|--|---|
| <input type="checkbox"/> COfiler®/Profiler Plus® _____ | <input type="checkbox"/> PowerPlex® _____ |
| <input type="checkbox"/> Identifiler® _____ | <input type="checkbox"/> Other _____ |

| | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D7S820 |
| 3 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 | D18S51 |
| 3 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO | FGA |
| 3 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | Penta D | Penta E | SE33 | TH01 | TPOX | vWA |
| 3 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

YSTR Amplification Kit(s) Used For Item 3: Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. Plus, 23, etc.).

| | |
|--|---|
| <input type="checkbox"/> Yfiler® _____ | <input type="checkbox"/> PowerPlex® Y _____ |
| <input type="checkbox"/> Other _____ | |

| | | | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| 3 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | DYS437 | DYS438 | DYS439 | DYS448 | DYS456 | DYS458 | DYS481 | DYS533 |
| 3 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | DYS549 | DYS570 | DYS576 | DYS635 | DYS643 | Y GATA H4 | Y Indel |
| 3 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Please return all pages of this data sheet.

Part I (continued): DNA Results for Questioned Item 4

STR Amplification Kit(s) Used For Item 4: Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. 16, Plus, Direct, 16 HS, etc.).

| | |
|--|---|
| <input type="checkbox"/> COfiler®/Profiler Plus® _____ | <input type="checkbox"/> PowerPlex® _____ |
| <input type="checkbox"/> Identifiler® _____ | <input type="checkbox"/> Other _____ |

| | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D7S820 |
| 4 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 | D18S51 |
| 4 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO | FGA |
| 4 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | Penta D | Penta E | SE33 | TH01 | TPOX | vWA |
| 4 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

YSTR Amplification Kit(s) Used For Item 4 Please check all the brands that apply for this item and record any kit specific information in the blank provided (i.e. Plus, 23, etc.).

| | |
|--|---|
| <input type="checkbox"/> Yfiler® _____ | <input type="checkbox"/> PowerPlex® Y _____ |
| <input type="checkbox"/> Other _____ | |

| | | | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| 4 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | DYS437 | DYS438 | DYS439 | DYS448 | DYS456 | DYS458 | DYS481 | DYS533 |
| 4 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | | | | | |
|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ITEM | DYS549 | DYS570 | DYS576 | DYS635 | DYS643 | Y GATA H4 | Y Indel |
| 4 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Please return all pages of this data sheet.

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> | | | |
|------------------------|--------------------------|--------------------------|---------------------|--------------------------|--------------------------|
| | <u>Item 3</u> | <u>Item 4</u> | | <u>Item 3</u> | <u>Item 4</u> |
| Yes | <input type="checkbox"/> | <input type="checkbox"/> | Yes | <input type="checkbox"/> | <input type="checkbox"/> |
| No | <input type="checkbox"/> | <input type="checkbox"/> | No | <input type="checkbox"/> | <input type="checkbox"/> |
| Inconclusive | <input type="checkbox"/> | <input type="checkbox"/> | Inconclusive | <input type="checkbox"/> | <input type="checkbox"/> |

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

Part III: ADDITIONAL COMMENTS

Comments regarding any part of this Forensic Biology Test.

Written conclusions (including statistical information) for DNA analysis are not required.

Any interpretations based on the results obtained should be indicated above.

Note: Laboratories submitting their results for ASCLD/LAB 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.

| | |
|--|---|
| <p>Return Instructions: Data must be received via online data entry, fax (please include a cover sheet), or mail by November 03, 2014 to be included in the report.</p> <p>QUESTION? TEL: +1-571-434-1925 (8 am - 4:30 pm EST) EMAIL: forensics@cts-interlab.com www.ctsforensics.com</p> | <p>Participant Code: ONLINE DATA ENTRY: www.cts-portal.com FAX: +1-571-434-1937 or Toll-Free: 1-866-FAX-2CTS (329-2287) MAIL: Collaborative Testing Services, Inc. P.O. Box 650820 Sterling, VA 20165-0820 USA</p> |
|--|---|

Please return all pages of this data sheet.

RELEASE OF DATA TO ACCREDITATION BODIES

The following Accreditation Releases will apply only to:

Participant Code:

WebCode:

for Test No. **14-585: DNA-Blood**

This release page must be completed and received by **November 3, 2014** to have this participant's submitted data included in the reports forwarded to the respective Accreditation Bodies.

ASCLD/LAB RELEASE

If your lab has been accredited by ASCLD/LAB and you are submitting this data as part of their external proficiency test requirements, have the laboratory's designated individual complete the following.

The information below must be completed in its entirety for the results to be submitted to ASCLD/LAB.

ASCLD/LAB Legacy Certificate No. _____ ASCLD/LAB International Certificate No. _____

Signature _____ Date _____

Laboratory Name _____

Location (City/State) _____

ANSI-ASQ NAB/FQS RELEASE

If your laboratory maintains its accreditation through ANSI-ASQ NAB/FQS, please complete the following form in its entirety to have your results forwarded.

ANSI-ASQ NAB/FQS Certificate No. _____

Signature and Title _____ Date _____

Laboratory Name _____

Location (City/State) _____

Accreditation Release

Return Instructions

Please submit the completed Accreditation Release at the same time as your full data sheet. See Data Sheet Return Instructions on the previous page.

*Questions? Contact us 8 am-4:30 pm EST
Telephone: +1-571-434-1925
email: forensics@cts-interlab.com*

Please return all pages of this data sheet.

Page 8 of 8