



DNA Parentage Test No. 24-5871/6

Summary Report

Each participant received a sample set consisting of four blood samples representing a paternity case. Samples were collected from a mother, a son, and two potential fathers. Participants were asked to analyze the samples using their existing protocols. The test also included a paper kinship exercise where participants were asked to evaluate the provided DNA profiles and determine if an African American Mother/Daughter relationship claim was supported. Data were returned from 86 participants and are compiled into the following tables:

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

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

Manufacturer's Information

Each sample set consisted of known blood samples from four individuals (Items 1-4), a mother, a son, and two potential fathers, provided on either FTA™ Micro Cards or swabs. Participants were asked to analyze these items using their existing protocols. Also included with this test was a kinship exercise that consisted of autosomal DNA profiles from two individuals for comparison. Participants were asked to determine if an African American Mother/Daughter relationship claim was supported following the review of these profiles.

SAMPLE PREPARATION: All items were prepared from human whole blood which was drawn into EDTA tubes. Each FTA™ Micro Card was spotted with 75 µL of blood, while each swab (two swabs per item) was spotted with 100 µL of blood. Item 1 was created from a female (mother) donor. Item 2 was created from a male (son) donor. Item 3 was created from a male donor who was not the biological father of the Item 2 male, and Item 4 was created from a male donor who was the biological father of the Item 2 male. The items were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on May 24, 2024 following completion of the verification stage.

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

KINSHIP EXERCISE: This exercise included allelic results representing an African American Mother/Daughter relationship.

VERIFICATION: Predistribution results were consistent with each other and the manufacturer's preparation information. Consistent allelic results were reported for all STR and YSTR loci across both substrates.

Key to Test Substrates

5871 - FTA™ Micro Cards

5876 - Swabs

Amelogenin and STR Results

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

| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
|------|---------|---------|-----------|----------|------------|---------|
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |
| 1 | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | 11,14 |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | 13,13 | 11,12 | 18,19 | 6,8 | 10,10 |
| | 15,17 | NM | NM | NM | NM | |
| 2 | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | 12,14 |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12,12 | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | 17 | 19 | 2 | |
| 3 | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | 12,18 |
| | 8,9 | 10,12 | 14,16 | 19.3,22 | 8,11 | 12,13 |
| | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | 9,9 | 7,17 | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | 20 | 19 | 2 | |
| 4 | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | 12,12 |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | 17 | 19 | 2 | |

YSTR Results

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

| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
|------|----------|--------|--------|----------|-----------|--------|--------|--------|-----------|
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | Y GATA H4 |
| 2 | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | * | 17 | 19 | 21 | 23 | * | 12 |
| 3 | 35,35 | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| | 15 | 12 | 12 | 19 | 30 | 15 | 16 | 11 | 22 |
| | 40 | 12 | * | 20 | 19 | 20 | 23 | * | 12 |
| 4 | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | * | 17 | 19 | 21 | 23 | * | 12 |

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

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

Paternity Indices

Mean Paternity Index results compiled from predistribution laboratories and a consensus of at least 10 participants.

Item - Database

| | | | | | |
|----------------|----------------|-----------------|-----------------|-------------------|----------------|
| D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| vWA | | | | | |

3PI - Grand Mean ± 3STD Range**

| | | | | | |
|-----------|-----------|---------|-----------|------------|------------|
| 3.69-13.6 | 0-3.03 | 0-0.803 | 0-0.638 | 1.33-4.12 | * |
| 0-0.0137 | 1.71-4.65 | 0-37.6 | 0-0.00743 | 0.333-2.94 | 0.521-1.14 |
| 0-14.9 | 0 | 0 | 0-1.03 | - | 0-1.05 |
| 0-3.68 | 0 | 0 | 0 | 0-0.00686 | 0-7.82 |
| 0-0.0275 | | | | | |

4PI - FBI Popstats

| | | | | | |
|-------------|-----------|------------|------------|------------|-----------|
| 0-11.1 | 2.58-24.9 | 0.31-2.59 | 0.447-3.49 | 0-3.11 | * |
| 0.535-4.04 | 2.6-4.17 | 0.541-4.61 | 0-32 | 1.42-1.74 | 0.485-2.4 |
| 1.93-3.04 | 1.37-11.5 | 1.03-8.36 | 6.89-67.3 | - | 1.35-11.3 |
| 1.4-1.61 | 0-4.19 | 0-5.1 | 2.17-17.8 | 0.317-2.41 | 1.64-2.08 |
| 0.0296-4.18 | | | | | |

4PI - Grand Mean ± 3STD Range**

| | | | | | |
|-----------|-----------|-----------|-----------|------------|-----------|
| 2.74-5.9 | 8.65-18.6 | 1.08-2 | 1.62-2.52 | 0.964-1.75 | * |
| 1.74-3.04 | 2.21-4.17 | 1.91-3.28 | 3.74-33.2 | 1.32-1.8 | 1.4-1.8 |
| 1.88-3.41 | 4.5-8.53 | 3.86-6.26 | 21.3-55.8 | - | 3.28-9.83 |
| 1.39-1.64 | 1.78-2.58 | 1.04-4.27 | 4.72-14.2 | 1.19-1.75 | 1.51-2.23 |
| 1.84-2.98 | | | | | |

4PI - NIST-STRBASE

| | | | | | |
|-----------|-----------|------------|-----------|-----------|-----------|
| 2.79-5.82 | 9.34-17.2 | 0.923-2.17 | 1.51-2.6 | 1.03-1.76 | 3.89-4.67 |
| 1.77-3.02 | 2.51-3.44 | 1.85-3.15 | 13.8-29.9 | 1.46-1.59 | 1.44-1.77 |
| 2.23-3.36 | 4.15-8.6 | 4.13-5.99 | 16.7-57.4 | - | 4.28-7.79 |
| 1.38-1.65 | 2.14-2.15 | 2.49-2.52 | 6.95-9.77 | 1.26-1.72 | 1.39-2.38 |
| 1.8-3.11 | | | | | |

* Results were not received from a minimum of 10 participants for the loci and database indicated.

**These ranges are provided to allow participants that utilized databases other than the one(s) listed above to review their results. Following AABB guidelines, ranges were determined by taking the grand mean of all data submitted for the associated locus and calculating 3 standard deviations above and below that value. Data values are presented in three significant figures. Data values less than zero are presented as "0."

Summary Comments

This test was designed to allow participants to assess their proficiency in the analysis and interpretation of four known blood samples, along with the determination of paternity. Item 1 was created from a female (mother) donor. Item 2 was created from a male (son) donor. Item 3 was created from a male donor who was not the biological father of the Item 2 male, and Item 4 was created from a male donor who was the biological father of the Item 2 male. Participants were asked to analyze the items and provide allelic and statistical results, as well as relationship conclusions. The test also included a paper kinship exercise where participants were asked to evaluate provided DNA profiles and report the kinship index and conclusions for an alleged African American Mother/Daughter relationship claim. Refer to the Manufacturer's Information for preparation details.

DNA Analysis

All participants were able to obtain full STR profiles from all four items. Consistent results were achieved by all participants, with the exception of two participants. For YSTR results, all participants were able to obtain full profiles and consistent results were achieved by all but one participant.

Paternity DNA Statistics

All participants reported that the source of Item 4 could not be excluded as the biological father of Item 2. Of the participants that reported probability of paternity values, all reported 99.99% or higher.

Kinship DNA Statistics

Thirty-four participants submitted a response for the paper kinship exercise. For the loci likelihood ratio data, six participants reported extreme data in comparison to the calculated mode at one or more loci.

Of the 34 participants, 26 (76%) reported a combined Kinship Index between 10 billion and 10.332 billion. A consensus was achieved concerning the African American Mother/Daughter relationship where all participants reported that the relationship claim was supported.

STR Amplification Kit(s) & Results

TABLE 1

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

Item 1 - STR Results

| | | | | | | |
|-------------|--|-------|---------|-------|-------|-------|
| 2FXRVT-5871 | GlobalFiler™ (Popstats) | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |
| 2NAQQ4-5871 | GlobalFiler™ Express | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | NT |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | NT | NT | 18,19 | 6,8 | 10 |
| | 15,17 | NR | NT | NT | NR | |
| 2WZQHP-5871 | GlobalFiler™ (Forestatistics) | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10,10 |
| | 15,17 | - | | | - | |
| 338GMR-5871 | PowerPlex® Fusion 6C | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | - |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | 13,13 | 11,12 | 18,19 | 6,8 | 10,10 |
| | 15,17 | - | - | - | - | |
| 38J7MN-5871 | PowerPlex® Fusion 6C, GlobalFiler™, Investigator® HDplex | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | 13 | 11,12 | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |
| 3BHJ9T-5871 | PowerPlex® FUSION C6 | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | 13,13 | 11,12 | 18,19 | 6,8 | 10,10 |
| | 15,17 | - | - | - | | |

TABLE 1

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

Item 1 - STR Results

| | | | | | | |
|-------------|--|------------|---------|-------|------------|-------|
| 3V3HB3-5871 | GlobalFiler™ | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |
| 4EGGVQ-5871 | PowerPlex® Fusion 6C | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | 13,13 | 11,12 | 18,19 | 6,8 | 10,10 |
| | 15,17 | | | | | |
| 4MZHYN-5871 | GlobalFiler™ IQC (GenoProof® Software) | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10,10 |
| | 15,17 | | | | | |
| 4Q7DV4-5876 | GlobalFiler™, MiniFiler | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10,10 |
| | 15,17 | no results | | | no results | |
| 4QPZUL-5871 | PowerPlex® Fusion 6C (eDNA) | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | 13,13 | 11,12 | 18,19 | 6,8 | 10,10 |
| | 15,17 | | | | | |
| 4ZGH9U-5871 | PowerPlex® Fusion (Gene Analysen) | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | | X | 10,12 |
| | 21,23 | 13 | 11,12 | | 6,8 | 10 |
| | 15,17 | | | | | |

TABLE 1

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

Item 1 - STR Results

| | | | | | | |
|-------------|---------------------------------|-------|---------|-------|-------|-------|
| 6LQ784-5871 | GlobalFiler™ | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |
| 6WCAGN-5871 | PowerPlex® Fusion 6C (Popstats) | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | 13,13 | 11,12 | 18,19 | 6,8 | 10,10 |
| | 15,17 | | | | | |
| 6YHRFK-5876 | GlobalFiler™ Express | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10,10 |
| | 15,17 | | | | | |
| 6ZBKB4-5871 | GlobalFiler™ Express (Popstats) | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | - | | | - | |
| 77WXPW-5871 | PowerPlex® 21 | | | | | |
| | 15,16.3 | 17,19 | | 15,18 | 12,12 | 11,14 |
| | 10,10 | 10,13 | | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | | X,X | 10,12 |
| | 21,23 | 13,13 | 11,12 | | 6,8 | 10,10 |
| | 15,17 | | | | | |
| 7AFVGT-5871 | PowerPlex® Fusion | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | 13 | 11,12 | | 6,8 | 10 |
| | 15,17 | NR | | | | |

TABLE 1

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

Item 1 - STR Results

| | | | | | | |
|-------------|-------------------------------|-----------|---------|-------|-----------|-------|
| 7J6ML-5871 | GlobalFiler™ (Forestatistics) | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | - | | | - | |
| 7T74EN-5871 | GlobalFiler™ (Popstats) | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |
| 83QUEL-5876 | GlobalFiler™ | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |
| 886DW3-5871 | GlobalFiler™ | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |
| 8AQQ4Z-5876 | GlobalFiler™ | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10,10 |
| | 15,17 | no result | | | no result | |
| 8J2JPZ-5876 | PowerPlex® Fusion | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X,X | 10,12 |
| | 21,23 | 13 | 11,12 | | 6,8 | 10 |
| | 15,17 | | | | | |

TABLE 1

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

Item 1 - STR Results

9MNEEJ-5871 PowerPlex® Fusion, VeriFiler plus, Power Plex ESX 17

| | | | | | | |
|---|---------|-------|---------|-------|-------|-------|
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | 11,14 |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | 13,13 | 11,12 | 18,19 | 6,8 | 10,10 |
| | 15,17 | | | | | |

9NQFRW-5871 GlobalFiler™

| | | | | | | |
|---|---------|-------|---------|-------|-----|-------|
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |

A69XYN-5871 PowerPlex® ES1 16 Fast System

| | | | | | | |
|---|---------|-------|---------|-------|-----|-------|
| | 15,16.3 | 17,19 | 14 | 15,18 | | |
| | | 10,13 | 16,18 | 18,23 | | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | |
| | 21,23 | | | | 6,8 | |
| | 15,17 | | | | | |

AAJMZK-5871 PowerPlex® Fusion 6C (POPSTATS)

| | | | | | | |
|---|---------|-------|---------|-------|-------|-------|
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | 13,13 | 11,12 | 18,19 | 6,8 | 10,10 |
| | 15,17 | | | | | |

ADJXVK-5871 GlobalFiler™

| | | | | | | |
|---|---------|-------|---------|-------|-------|-------|
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10,10 |
| | 15,17 | | | | | |

AGZHFE-5871 GlobalFiler™ Express (Personal software)

| | | | | | | |
|---|---------|-------|---------|-------|-------|-------|
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10,10 |
| | 15,17 | | | | | |

TABLE 1

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

Item 1 - STR Results

| | | | | | | |
|-------------|---|-------|---------|-------|-------|-------|
| B92L4H-5871 | PowerPlex® Fusion, ESX 17, Verifiler Plus | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | 11,14 |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | 13,13 | 11,12 | 18,19 | 6,8 | 10,10 |
| | 15,17 | | | | | |
| CC2QKM-5871 | PowerPlex® Fusion | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | 13 | 11,12 | | 6,8 | 10 |
| | 15,17 | NR | | | | |
| DTMQQC-5871 | PowerPlex® Fusion 5C | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | 13 | 11,12 | | 6,8 | 10 |
| | 15,17 | | | | | |
| DXFUHV-5871 | Investigator® 24plex | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |
| ECQVRQ-5871 | PowerPlex® 21 | | | | | |
| | 15,16.3 | 17,19 | | 15,18 | 12,12 | 11,14 |
| | 10,10 | 10,13 | | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | | X,X | 10,12 |
| | 21,23 | 13,13 | 11,12 | | 6,8 | 10,10 |
| | 15,17 | | | | | |
| ELK4CH-5871 | PowerPlex® Fusion | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | 13 | 11,12 | | 6,8 | 10 |
| | 15,17 | NR | | | | |

TABLE 1

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

Item 1 - STR Results

| | | | | | | |
|-------------|--|-------|---------|-------|-------|-------|
| EMWFET-5871 | Investigator® 24plex GO! | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10,10 |
| | 15,17 | | | | | |
| EQBDMF-5876 | Verifiler Plus (GeneMapper ID-X 1.5) | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | 11,14 |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | 13,13 | 11,12 | | 6,8 | 10,10 |
| | 15,17 | | | | | |
| FLV6YG-5871 | GlobalFiler™ (FBI Popstats) | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |
| GNXMAG-5876 | PowerPlex® Fusion 6C (ANDE FAIRS Claimed Relationship) | | | | | |
| | 15,16.3 | 17,19 | | 15,18 | | 11,14 |
| | | 10,13 | | 18,23 | | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | | | 10,12 |
| | 21,23 | | 11,12 | | 6,8 | |
| | 15,17 | | | | | |
| GYD4PB-5876 | Identifiler® Plus, GlobalFiler™ | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10,10 |
| | 15,17 | | | | | |
| HEP84A-5871 | PowerPlex® Fusion 6C (FBI Popstats) | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | 13,13 | 11,12 | 18,19 | 6,8 | 10,10 |
| | 15,17 | | | | | |

TABLE 1

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

Item 1 - STR Results

| | | | | | | |
|---|---------|-------|---------|-------|-------|-------|
| HW6G4A-5871 PowerPlex® Fusion 6C (Popstats) | | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | 13,13 | 11,12 | 18,19 | 6,8 | 10,10 |
| | 15,17 | | | | | |
| HZ7P9K-5871 PowerPlex® 21 | | | | | | |
| | 15,16.3 | 17,19 | | 15,18 | 12,12 | 11,14 |
| | 10,10 | 10,13 | | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | | X,X | 10,12 |
| | 21,23 | 13,13 | 11,12 | | 6,8 | 10,10 |
| | 15,17 | | | | | |
| JAAZFA-5871 PowerPlex® Fusion, iPLEXSTR | | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | 13 | 11,12 | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |
| JH63GL-5876 GlobalFiler™ | | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |
| JJWX7E-5876 ANDE Flex Plex | | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | 11,14 |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | 11,12 | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |
| JVU29N-5871 Investigator® 24plex | | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |

TABLE 1

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

Item 1 - STR Results

| | | | | | | |
|-------------|-------------------------------|-------|---------|-------|-------|-------|
| K3ZHV3-5871 | GlobalFiler™ (Forestatistics) | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X,X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |
| K9UZVK-5871 | PowerPlex® Fusion 6C | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | 13,13 | 11,12 | 18,19 | 6,8 | 10,10 |
| | 15,17 | | | | | |
| KDPUTL-5871 | GlobalFiler™ Express | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |
| LPGZ3A-5871 | GlobalFiler™ | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10,10 |
| | 15,17 | N/D | | | N/D | |
| LX8L7M-5871 | GlobalFiler™ | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |
| M26LKB-5876 | GlobalFiler™ | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | 11,14 |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | 13 | 11,12 | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |

TABLE 1

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

Item 1 - STR Results

M3KHDA-5876 PowerPlex® CS7, VeriFiler™ Express, SureID® 27comp, Investigator® HDplex

| | | | | | | |
|---|---------|-------|---------|-------|-----|-------|
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | 11,14 |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | 13 | 11,12 | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |

MC8JTJ-5871 GlobalFiler™

| | | | | | | |
|---|---------|-------|---------|-------|-----|-------|
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X,X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |

MJKVLB-5871 PowerPlex® Fusion

| | | | | | | |
|---|---------|-------|---------|-------|-----|-------|
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | 13 | 11,12 | | 6,8 | 10 |
| | 15,17 | NR | | | | |

MNZ4AB-5871 Identifiler® Plus

| | | | | | | |
|---|-------|-------|---------|-------|-------|-------|
| | | 17,19 | | 15,18 | 12,12 | |
| | 10,10 | 10,13 | | | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | | X,X | 10,12 |
| | 21,23 | | | | 6,8 | 10,10 |
| | 15,17 | | | | | |

MRD473-5871 GlobalFiler™ (Familias 3.4)

| | | | | | | |
|---|---------|-------|---------|-------|-------|-------|
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10,10 |
| | 15,17 | / | | | / | |

MVQBF4-5876 VERIFILER PLUS

| | | | | | | |
|---|---------|-------|---------|-------|-------|-------|
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | 11,14 |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | 13,13 | 11,12 | | 6,8 | 10,10 |
| | 15,17 | | | | | |

TABLE 1

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

Item 1 - STR Results

| | | | | | | |
|--|---------|-------|---------|-------|-------|-------|
| N633X6-5871 PowerPlex® Fusion 6C (FBI Popstats) | | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | 13,13 | 11,12 | 18,19 | 6,8 | 10,10 |
| | 15,17 | | | | | |
| NADDND-5871 PowerPlex® 21 | | | | | | |
| | 15,16.3 | 17,19 | | 15,18 | 12,12 | 11,14 |
| | 10,10 | 10,13 | | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | | X,X | 10,12 |
| | 21,23 | 13,13 | 11,12 | | 6,8 | 10,10 |
| | 15,17 | | | | | |
| NHRYWG-5871 GlobalFiler™ | | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |
| NJ32K2-5876 PowerPlex® Fusion 5C, Verifiler Plus | | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | 11,14 |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | 13 | 11,12 | - | 6,8 | 10 |
| | 15,17 | - | - | - | - | |
| NNXVH3-5871 GlobalFiler™ | | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |
| NYCPWG-5871 GlobalFiler™ | | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X,X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | - | | | - | |

TABLE 1

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

Item 1 - STR Results

| | | | | | | |
|--|---------|-------|---------|-------|-------|-------|
| PDQDK6-5871 GlobalFiler™ (FBI Popstats) | | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |
| PY4UD3-5876 PowerPlex® Fusion System, Qiagen HDplex (GeneMapper ID v. 3.2.1) | | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | 13,13 | 11,12 | 18,19 | 6,8 | 10,10 |
| | 15,17 | | | | | |
| QCUG9F-5871 Investigator® 24plex GO | | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10,10 |
| | 15,17 | -- | | | | |
| RAKQLX-5876 GlobalFiler™ Express | | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | - |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | - | - | 18,19 | 6,8 | 10,10 |
| | 15,17 | - | - | - | - | - |
| RG4WH4-5871 GlobalFiler™ (FBI PopStats) | | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |
| T2682X-5871 GlobalFiler™ | | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |

TABLE 1

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

Item 1 - STR Results

| | | | | | | |
|-------------|-----------------------------------|------------|---------|-------|------------|-------|
| TAEY7L-5871 | Verifiler Express | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | 11,14 |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | 13,13 | 11,12 | | 6,8 | 10,10 |
| | 15,17 | | | | | |
| TEAQDX-5871 | PowerPlex® Fusion 6C (Popstats) | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | 13,13 | 11,12 | 18,19 | 6,8 | 10,10 |
| | 15,17 | | | | | |
| TJN9UE-5876 | GlobalFiler™, MiniFiler (KinCalc) | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10,10 |
| | 15,17 | NO RESULTS | | | no results | |
| VAA29V-5876 | GlobalFiler™ | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |
| VL3HXW-5876 | GlobalFiler™ Express | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | 13,13 | | 18,19 | 6,8 | 10,10 |
| | 15,17 | | | | | |
| WKQ6UZ-5871 | PowerPlex® 5C | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | -- |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | 13 | 11,12 | -- | 6,8 | 10 |
| | 15,17 | -- | -- | -- | -- | |

TABLE 1

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

Item 1 - STR Results

| | | | | | | |
|---|---------|-------|---------|-------|-------|-------|
| WTGN89-5871 GlobalFiler™ | | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |
| XHWYNU-5871 PowerPlex® Fusion 6C (Popstats) | | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | 13,13 | 11,12 | 18,19 | 6,8 | 10,10 |
| | 15,17 | | | | | |
| XNKLJY-5876 GenePrint 24 | | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | -- |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | 13 | 11,12 | -- | 6,8 | 10 |
| | 15,17 | -- | -- | -- | -- | |
| YFXAJT-5871 GlobalFiler™ (Forestatistics) | | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | - | | | - | |
| YQ7M2T-5871 PowerPlex® Fusion 6C (FBI Popstats) | | | | | | |
| | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 | |
| | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X | 10,12 |
| | 21,23 | 13,13 | 11,12 | 18,19 | 6,8 | 10,10 |
| | 15,17 | | | | | |
| Z47LPP-5876 GlobalFiler™ Express | | | | | | |
| | 15,16.3 | 17,19 | 14 | 15,18 | 12 | |
| | 10 | 10,13 | 16,18 | 18,23 | 11 | 11,12 |
| 1 | 14,19 | 14,16 | 30,31.2 | 16 | X | 10,12 |
| | 21,23 | | | 18,19 | 6,8 | 10 |
| | 15,17 | | | | | |

TABLE 1

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

Item 1 - STR Results

| | | | | | | |
|-------------|--------------|---------|-------|---------|-------|-------|
| ZJNEDV-5876 | Identifiler® | | | | | |
| | | 17,19 | | 15,18 | 12,12 | |
| | | 10,10 | 10,13 | | 11,11 | 11,12 |
| 1 | | 14,19 | 14,16 | 30,31.2 | X,X | 10,12 |
| | | 21,23 | | | 6,8 | 10,10 |
| | | 15,17 | | | | |
| ZYCRP3-5871 | GlobalFiler™ | | | | | |
| | | 15,16.3 | 17,19 | 14,14 | 15,18 | 12,12 |
| | | 10,10 | 10,13 | 16,18 | 18,23 | 11,11 |
| 1 | | 14,19 | 14,16 | 30,31.2 | 16,16 | X,X |
| | | 21,23 | | | 18,19 | 6,8 |
| | | 15,17 | | | | 10,10 |

TABLE 1

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

Item 2 - STR Results

| | | | | | | |
|-------------|--|-------|-----------|-------|-------|-------|
| 2FXRVT-5871 | GlobalFiler™ (Popstats) | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| 2NAQQ4-5871 | GlobalFiler™ Express | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | NT |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | NT | NT | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | NT | NT | 2 | |
| 2WZQHP-5871 | GlobalFiler™ (Forestatistics) | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| 338GMR-5871 | PowerPlex® Fusion 6C | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | - |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12,12 | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | 17 | 19 | - | |
| 38J7MN-5871 | PowerPlex® Fusion 6C, GlobalFiler™, Investigator® HDplex | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12 | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | 17 | 19 | 2 | |
| 3BHJ9T-5871 | PowerPlex® FUSION C6 | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12,12 | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | 17 | 19 | | |

TABLE 1

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

Item 2 - STR Results

| | | | | | | |
|-------------|--|-------|-------|-----------|-------|-------|
| 3V3HB3-5871 | GlobalFiler™ | | | | | |
| | | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 |
| | | 10,11 | 12,13 | 15,18 | 16,23 | 11,12 |
| 2 | | 14,19 | 15,16 | 31.2 | 12,16 | X,Y |
| | | 21,23 | | | 19,20 | 6,8 |
| | | 17,18 | 11 | | | 2 |
| 4EGGVQ-5871 | PowerPlex® Fusion 6C | | | | | |
| | | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 |
| | | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 |
| 2 | | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y |
| | | 21,23 | 12,13 | 12,12 | 19,20 | 6,8 |
| | | 17,18 | 11 | 17 | 19 | |
| 4MZHYN-5871 | GlobalFiler™ IQC (GenoProof® Software) | | | | | |
| | | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 |
| | | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 |
| 2 | | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y |
| | | 21,23 | | | 19,20 | 6,8 |
| | | 17,18 | 11 | | | 2 |
| 4Q7DV4-5876 | GlobalFiler™, MiniFiler | | | | | |
| | | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 |
| | | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 |
| 2 | | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y |
| | | 21,23 | | | 19,20 | 6,8 |
| | | 17,18 | 11 | | | 2 |
| 4QPZUL-5871 | PowerPlex® Fusion 6C (eDNA) | | | | | |
| | | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 |
| | | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 |
| 2 | | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y |
| | | 21,23 | 12,13 | 12,12 | 19,20 | 6,8 |
| | | 17,18 | 11 | 17 | 19 | |
| 4ZGH9U-5871 | PowerPlex® Fusion (Gene Analysen) | | | | | |
| | | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 |
| | | 10,11 | 12,13 | 15,18 | 16,23 | 11 |
| 2 | | 14,19 | 15,16 | 31.2 | | X,Y |
| | | 21,23 | 12,13 | 12 | | 6,8 |
| | | 17,18 | 11 | | | 8,10 |

TABLE 1

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

Item 2 - STR Results

| | | | | | | |
|-------------|---------------------------------|-------|-------|-----------|-------|-------|
| 6LQ784-5871 | GlobalFiler™ | | | | | |
| | | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 |
| | | 10,11 | 12,13 | 15,18 | 16,23 | 11,12 |
| 2 | | 14,19 | 15,16 | 31.2 | 12,16 | X,Y |
| | | 21,23 | | | 19,20 | 6,8 |
| | | 17,18 | 11 | | | 2 |
| 6WCAGN-5871 | PowerPlex® Fusion 6C (Popstats) | | | | | |
| | | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 |
| | | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 |
| 2 | | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y |
| | | 21,23 | 12,13 | 12,12 | 19,20 | 6,8 |
| | | 17,18 | 11 | 17 | 19 | |
| 6YHRFK-5876 | GlobalFiler™ Express | | | | | |
| | | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 |
| | | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 |
| 2 | | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y |
| | | 21,23 | | | 19,20 | 6,8 |
| | | 17,18 | 11 | | | 2 |
| 6ZBKB4-5871 | GlobalFiler™ Express (Popstats) | | | | | |
| | | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 |
| | | 10,11 | 12,13 | 15,18 | 16,23 | 11 |
| 2 | | 14,19 | 15,16 | 31.2 | 12,16 | X,Y |
| | | 21,23 | | | 19,20 | 6,8 |
| | | 17,18 | 11 | | | 2 |
| 77WXPW-5871 | PowerPlex® 21 (Kinship) | | | | | |
| | | 12,15 | 17,18 | | 15,16 | 11,12 |
| | | 10,11 | 12,13 | | 16,23 | 11,11 |
| 2 | | 14,19 | 15,16 | 31.2,31.2 | | X,Y |
| | | 21,23 | 12,13 | 12,12 | | 6,8 |
| | | 17,18 | | | | |
| 7AFVGT-5871 | PowerPlex® Fusion | | | | | |
| | | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 |
| | | 10,11 | 12,13 | 15,18 | 16,23 | 11 |
| 2 | | 14,19 | 15,16 | 31.2 | 12,16 | X,Y |
| | | 21,23 | 12,13 | 12 | | 6,8 |
| | | 17,18 | 11 | | | 8,10 |

TABLE 1

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

Item 2 - STR Results

| | | | | | | |
|-------------|-------------------------------|-------|-----------|-------|-------|-------|
| 7J6ML-5871 | GlobalFiler™ (Forestatistics) | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| 7T74EN-5871 | GlobalFiler™ (Popstats) | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| 83QUEL-5876 | GlobalFiler™ | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| 886DW3-5871 | GlobalFiler™ | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| 8AQQ4Z-5876 | GlobalFiler™ | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| 8J2JPZ-5876 | PowerPlex® Fusion | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12 | | 6,8 | 8,10 |
| | 17,18 | 11 | | | | |

TABLE 1

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

Item 2 - STR Results

| | | | | | | |
|-------------|---|-------|-----------|-------|-------|-------|
| 9MNEEJ-5871 | PowerPlex® Fusion, Verifiler plus, PowerPlex ESX 17 | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | 12,14 |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12,12 | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| 9NQFRW-5871 | GlobalFiler™ | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| A69XYN-5871 | PowerPlex® ESI 16 Fast System | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | | |
| | | 12,13 | 15,18 | 16,23 | | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | |
| | 21,23 | | | | 6,8 | |
| | 17,18 | | | | | |
| AAJMZK-5871 | PowerPlex® Fusion 6C (POPSTATS) | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12,12 | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | 17 | 19 | | |
| ADJXVK-5871 | GlobalFiler™ | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| AGZHFE-5871 | GlobalFiler™ Express (Personal software) | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |

TABLE 1

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

Item 2 - STR Results

| | | | | | | |
|-------------|---|-------|-----------|-------|-------|-------|
| B92L4H-5871 | PowerPlex® Fusion, ESX 17, Verifiler Plus | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | 12,14 |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12,12 | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| CC2QKM-5871 | PowerPlex® Fusion | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12 | | 6,8 | 8,10 |
| | 17,18 | 11 | | | | |
| DTMQQC-5871 | PowerPlex® Fusion 5C | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12 | | 6,8 | 8,10 |
| | 17,18 | 11 | | | | |
| DXFUHV-5871 | Investigator® 24plex | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | | |
| ECQVRQ-5871 | PowerPlex® 21 | | | | | |
| | 12,15 | 17,18 | | 15,16 | 11,12 | 12,14 |
| | 10,11 | 12,13 | | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | | X,Y | 10,13 |
| | 21,23 | 12,13 | 12,12 | | 6,8 | 8,10 |
| | 17,18 | | | | | |
| ELK4CH-5871 | PowerPlex® Fusion | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12 | | 6,8 | 8,10 |
| | 17,18 | 11 | | | | |

TABLE 1

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

Item 2 - STR Results

| | | | | | | |
|-------------|--|-------|-----------|-------|-------|-------|
| EMWFET-5871 | Investigator® 24plex GO! | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | | |
| EQBDMF-5876 | Verifiler Plus (GeneMapper ID-X 1.5) | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | 12,14 |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12,12 | | 6,8 | 8,10 |
| | 17,18 | | | | 2 | |
| FLV6YG-5871 | GlobalFiler™ (FBI Popstats) | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| GNXMAG-5876 | PowerPlex® Fusion 6C (ANDE FAIRS Claimed Relationship) | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | 12,14 |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | 12 | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | 17 | 19 | | |
| GYD4PB-5876 | Identifiler® Plus, GlobalFiler™ | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| HEP84A-5871 | PowerPlex® Fusion 6C (FBI Popstats) | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12,12 | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | 17 | 19 | | |

TABLE 1

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

Item 2 - STR Results

HW6G4A-5871 PowerPlex® Fusion 6C (Popstats)

| | | | | | | |
|---|-------|-------|-----------|-------|-------|-------|
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12,12 | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | 17 | 19 | | |

HZ7P9K-5871 PowerPlex® 21

| | | | | | | |
|---|-------|-------|-----------|-------|-------|-------|
| | 12,15 | 17,18 | | 15,16 | 11,12 | 12,14 |
| | 10,11 | 12,13 | | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | | X,Y | 10,13 |
| | 21,23 | 12,13 | 12,12 | | 6,8 | 8,10 |
| | 17,18 | | | | | |

JAAZFA-5871 PowerPlex® Fusion, iPLEXSTR

| | | | | | | |
|---|-------|-------|-------|-------|-------|-------|
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12 | 19,20 | 6,8 | 8,10 |
| | 17,18 | | | | | |

JH63GL-5876 GlobalFiler™

| | | | | | | |
|---|-------|-------|-------|-------|-------|-------|
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |

JJWX7E-5876 ANDE Flex Plex

| | | | | | | |
|---|-------|-------|-------|-------|-------|-------|
| | 12,15 | 17,18 | | | 11,12 | 12,14 |
| | 10,11 | | 15,18 | | | 11,12 |
| 2 | 14,19 | 15,16 | | | | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | | | | | |

JVU29N-5871 Investigator® 24plex

| | | | | | | |
|---|-------|-------|-------|-------|-------|-------|
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | | |

TABLE 1

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

Item 2 - STR Results

| | | | | | | |
|-------------|-------------------------------|-------|-----------|-------|-------|-------|
| K3ZHV3-5871 | GlobalFiler™ (Forestatistics) | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| K9UZVK-5871 | PowerPlex® Fusion 6C | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12,12 | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | 17 | 19 | | |
| KDPUTL-5871 | GlobalFiler™ Express | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| LPGZ3A-5871 | GlobalFiler™ | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| LX8L7M-5871 | GlobalFiler™ | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| M26LKB-5876 | GlobalFiler™ | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | 12,14 |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12 | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |

TABLE 1

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

Item 2 - STR Results

| | | | | | | |
|-------------|--|-------|-----------|-------|-------|-------|
| M3KHDA-5876 | PowerPlex® CS7, VeriFiler™ Express, SureID® 27comp, Investigator® HDplex | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | 12,14 |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12 | 19,20 | 6,8 | 8,10 |
| | 17,18 | | | | 2 | |
| MC8JTJ-5871 | GlobalFiler™ | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| MJKVLB-5871 | PowerPlex® Fusion | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12 | | 6,8 | 8,10 |
| | 17,18 | 11 | | | | |
| MNZ4AB-5871 | Identifiler® Plus | | | | | |
| | | 17,18 | | 15,16 | 11,12 | |
| | 10,11 | 12,13 | | | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | | X,Y | 10,13 |
| | 21,23 | | | | 6,8 | 8,10 |
| | 17,18 | | | | | |
| MRD473-5871 | GlobalFiler™ (Familias 3.4) | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| MVQBF4-5876 | VERIFILER PLUS | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | 12,14 |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12,12 | | 6,8 | 8,10 |
| | 17,18 | | | | 2 | |

TABLE 1

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

Item 2 - STR Results

| | | | | | | |
|-------------|--------------------------------------|-------|-----------|-------|-------|-------|
| N633X6-5871 | PowerPlex® Fusion 6C (FBI Popstats) | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12,12 | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | 17 | 19 | | |
| NADDND-5871 | PowerPlex® 21 | | | | | |
| | 12,15 | 17,18 | | 15,16 | 11,12 | 12,14 |
| | 10,11 | 12,13 | | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | | X,Y | 10,13 |
| | 21,23 | 12,13 | 12,12 | | 6,8 | 8,10 |
| | 17,18 | | | | | |
| NHRYWG-5871 | GlobalFiler™ | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| NJ32K2-5876 | PowerPlex® Fusion 5C, Verifiler Plus | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | 12,14 |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12 | - | 6,8 | 8,10 |
| | 17,18 | 11 | - | - | 2 | |
| NNXVH3-5871 | GlobalFiler™ | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| NYCPWG-5871 | GlobalFiler™ | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |

TABLE 1

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

Item 2 - STR Results

| | | | | | | |
|-------------|--|-------|-----------|-------|-------|-------|
| PDQDK6-5871 | GlobalFiler™ (FBI Popstats) | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| PY4UD3-5876 | PowerPlex® Fusion System, Power Plex Y23, Qiagen HDplex (GeneMapper ID v. 3.2.1) | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12,12 | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | | |
| QCUG9F-5871 | Investigator® 24plex GO | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | | |
| RAKQLX-5876 | GlobalFiler™ Express | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | - |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | - | - | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | - | - | 2 | |
| RG4WH4-5871 | GlobalFiler™ (FBI PopStats) | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| T2682X-5871 | GlobalFiler™ | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |

TABLE 1

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

Item 2 - STR Results

| | | | | | | |
|-------------|-----------------------------------|-------|-----------|-------|-------|-------|
| TAEY7L-5871 | Verifiler Express | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | 12,14 |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12,12 | | 6,8 | 8,10 |
| | 17,18 | | | | 2 | |
| TEAQDX-5871 | PowerPlex® Fusion 6C (Popstats) | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12,12 | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | 17 | 19 | | |
| TJN9UE-5876 | GlobalFiler™, MiniFiler (KinCalc) | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| VAA29V-5876 | GlobalFiler™ | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| VL3HXW-5876 | GlobalFiler™ Express | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| WKQ6UZ-5871 | PowerPlex® 5C | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | -- |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12 | -- | 6,8 | 8,10 |
| | 17,18 | 11 | -- | -- | -- | |

TABLE 1

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

Item 2 - STR Results

| | | | | | | |
|---|-------|-------|-----------|-------|-------|-------|
| WTGN89-5871 GlobalFiler™ | | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| XHWYNU-5871 PowerPlex® Fusion 6C (Popstats) | | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12,12 | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | 17 | 19 | | |
| XNKLJY-5876 GenePrint 24 | | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | -- |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12 | -- | 6,8 | 8,10 |
| | 17,18 | 11 | -- | -- | -- | |
| YFXAJT-5871 GlobalFiler™ (Forestatistics) | | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |
| YQ7M2T-5871 PowerPlex® Fusion 6C (FBI Popstats) | | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | 12,13 | 12,12 | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | 17 | 19 | | |
| Z47LPP-5876 GlobalFiler™ Express | | | | | | |
| | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 | |
| | 10,11 | 12,13 | 15,18 | 16,23 | 11 | 11,12 |
| 2 | 14,19 | 15,16 | 31.2 | 12,16 | X,Y | 10,13 |
| | 21,23 | | | 19,20 | 6,8 | 8,10 |
| | 17,18 | 11 | | | 2 | |

TABLE 1

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

Item 2 - STR Results

| | | | | | | |
|-------------|--------------|-------|-------|-----------|-------|-------|
| ZJNEDV-5876 | Identifiler® | | | | | |
| | | 17,18 | | 15,16 | 11,12 | |
| | | 10,11 | 12,13 | | 11,11 | 11,12 |
| 2 | | 14,19 | 15,16 | 31.2,31.2 | X,Y | 10,13 |
| | | 21,23 | | | 6,8 | 8,10 |
| | | 17,18 | | | | |
| ZYCRP3-5871 | GlobalFiler™ | | | | | |
| | | 12,15 | 17,18 | 11,14 | 15,16 | 11,12 |
| | | 10,11 | 12,13 | 15,18 | 16,23 | 11,11 |
| 2 | | 14,19 | 15,16 | 31.2,31.2 | 12,16 | X,Y |
| | | 21,23 | | | 19,20 | 6,8 |
| | | 17,18 | 11 | | | 2 |

TABLE 1

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

Item 3 - STR Results

| | | | | | | |
|-------------|--|---------|-------|---------|-------|-------|
| 2FXRVT-5871 | GlobalFiler™ (Popstats) | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | | 18 | 9 | 8 |
| | 16 | 11 | | | 2 | |
| 2NAQQ4-5871 | GlobalFiler™ Express | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | NT |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | NT | NT | 18 | 9 | 8 |
| | 16 | 11 | NT | NT | 2 | |
| 2WZQHP-5871 | GlobalFiler™ (Forestatistics) | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | | | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | | | 2 | |
| 338GMR-5871 | PowerPlex® Fusion 6C | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | - |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | 9,9 | 7,17 | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | 20 | 19 | - | |
| 38J7MN-5871 | PowerPlex® Fusion 6C, GlobalFiler™, Investigator® HDplex | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | 9 | 7,17 | 18 | 9 | 8 |
| | 16 | 11 | 20 | 19 | 2 | |
| 3BHJ9T-5871 | PowerPlex® FUSION C6 | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | 9,9 | 7,17 | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | 20 | 19 | | |

TABLE 1

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

Item 3 - STR Results

| | | | | | | |
|-------------|--|-------|---------|-------|---------|-------|
| 3V3HB3-5871 | GlobalFiler™ | | | | | |
| | | 12 | 17 | 10,14 | 15,19 | 11 |
| | | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 |
| 3 | | 12,14 | 12,15.2 | 28,29 | 16 | X,Y |
| | | 19,21 | | | 18 | 9 |
| | | 16 | 11 | | | 2 |
| 4EGGVQ-5871 | PowerPlex® Fusion 6C | | | | | |
| | | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 |
| | | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 |
| 3 | | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y |
| | | 19,21 | 9,9 | 7,17 | 18,18 | 9,9 |
| | | 16,16 | 11 | 20 | 19 | |
| 4MZHYN-5871 | GlobalFiler™ IQC (GenoProof® Software) | | | | | |
| | | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 |
| | | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 |
| 3 | | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y |
| | | 19,21 | | | 18,18 | 9,9 |
| | | 16,16 | 11 | | | 2 |
| 4Q7DV4-5876 | GlobalFiler™, MiniFiler | | | | | |
| | | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 |
| | | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 |
| 3 | | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y |
| | | 19,21 | | | 18,18 | 9,9 |
| | | 16,16 | 11 | | | 2 |
| 4QPZUL-5871 | PowerPlex® Fusion 6C (eDNA) | | | | | |
| | | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 |
| | | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 |
| 3 | | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y |
| | | 19,21 | 9,9 | 7,17 | 18,18 | 9,9 |
| | | 16,16 | 11 | 20 | 19 | |
| 4ZGH9U-5871 | PowerPlex® Fusion (Gene Analysen) | | | | | |
| | | 12 | 17 | 10,14 | 15,19 | 11 |
| | | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 |
| 3 | | 12,14 | 12,15.2 | 28,29 | | X,Y |
| | | 19,21 | 9 | 7,17 | | 9 |
| | | 16 | 11 | | | 8 |

TABLE 1

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

Item 3 - STR Results

| | | | | | | |
|-------------|---------------------------------|-------|---------|-------|---------|-------|
| 6LQ784-5871 | GlobalFiler™ | | | | | |
| | | 12 | 17 | 10,14 | 15,19 | 11 |
| | | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 |
| 3 | | 12,14 | 12,15.2 | 28,29 | 16 | X,Y |
| | | 19,21 | | | 18 | 9 |
| | | 16 | 11 | | | 2 |
| 6WCAGN-5871 | PowerPlex® Fusion 6C (Popstats) | | | | | |
| | | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 |
| | | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 |
| 3 | | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y |
| | | 19,21 | 9,9 | 7,17 | 18,18 | 9,9 |
| | | 16,16 | 11 | 20 | 19 | |
| 6YHRFK-5876 | GlobalFiler™ Express | | | | | |
| | | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 |
| | | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 |
| 3 | | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y |
| | | 19,21 | | | 18,18 | 9,9 |
| | | 16,16 | 11 | | | 2 |
| 6ZBKB4-5871 | GlobalFiler™ Express | | | | | |
| | | 12 | 17 | 10,14 | 15,19 | 11 |
| | | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 |
| 3 | | 12,14 | 12,15.2 | 28,29 | 16 | X,Y |
| | | 19,21 | | | 18 | 9 |
| | | 16 | 11 | | | 2 |
| 77WXPW-5871 | PowerPlex® 21 | | | | | |
| | | 12,12 | 17,17 | | 15,19 | 11,11 |
| | | 8,9 | 10,12 | | 19,3,22 | 8,11 |
| 3 | | 12,14 | 12,15.2 | 28,29 | | X,Y |
| | | 19,21 | 9,9 | 7,17 | | 9,9 |
| | | 16,16 | | | | |
| 7AFVGT-5871 | PowerPlex® Fusion | | | | | |
| | | 12 | 17 | 10,14 | 15,19 | 11 |
| | | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 |
| 3 | | 12,14 | 12,15.2 | 28,29 | 16 | X,Y |
| | | 19,21 | 9 | 7,17 | | 9 |
| | | 16 | 11 | | | 8 |

TABLE 1

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

Item 3 - STR Results

| | | | | | | |
|-------------|-------------------------------|---------|-------|---------|-------|-------|
| 7J6ML-5871 | GlobalFiler™ (Forestatistics) | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | | 18 | 9 | 8 |
| | 16 | 11 | | | 2 | |
| 7T74EN-5871 | GlobalFiler™ (Popstats) | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | | 18 | 9 | 8 |
| | 16 | 11 | | | 2 | |
| 83QUEL-5876 | GlobalFiler™ | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | | 18 | 9 | 8 |
| | 16 | 11 | | | 2 | |
| 886DW3-5871 | GlobalFiler™ | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | | 18 | 9 | 8 |
| | 16 | 11 | | | 2 | |
| 8AQQ4Z-5876 | GlobalFiler™ | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | | | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | | | 2 | |
| 8J2JPZ-5876 | PowerPlex® Fusion | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | 9 | 7,17 | | 9 | 8 |
| | 16 | 11 | | | | |

TABLE 1

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

Item 3 - STR Results

| | | | | | | |
|-------------|--|---------|-------|---------|-------|-------|
| 9MNEEJ-5871 | PowerPlex® Fusion, Verifiler plus, Powerplex ESX17 | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11,11 | 12,18 |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | 9,9 | 7,17 | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | | | 2 | |
| 9NQFRW-5871 | GlobalFiler™ | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | | 18 | 9 | 8 |
| | 16 | 11 | | | 2 | |
| A69XYN-5871 | PowerPlex® ESI 16 Fast System | | | | | |
| | 12 | 17 | 10,14 | 15,19 | | |
| | | 10,12 | 14,16 | 19,3,22 | | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | |
| | 19,21 | | | | 9 | |
| | 16 | | | | | |
| AAJMZK-5871 | PowerPlex® Fusion 6C | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | 9,9 | 7,17 | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | 20 | 19 | | |
| ADJXVK-5871 | GlobalFiler™ | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | | | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | | | 2 | |
| AGZHFE-5871 | GlobalFiler™ Express (Personal software) | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | | | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | | | 2 | |

TABLE 1

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

Item 3 - STR Results

| | | | | | | |
|-------------|---|---------|-------|---------|-------|-------|
| B92L4H-5871 | PowerPlex® Fusion, ESX 17, Verifiler Plus | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | 12,18 |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | 9,9 | 7,17 | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | | | 2 | |
| CC2QKM-5871 | PowerPlex® Fusion | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | 9 | 7,17 | | 9 | 8 |
| | 16 | 11 | | | | |
| DTMQQC-5871 | PowerPlex® Fusion 5C | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | 9 | 7,17 | | 9 | 8 |
| | 16 | 11 | | | | |
| DXFUHV-5871 | Investigator® 24plex | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | | 18 | 9 | 8 |
| | 16 | 11 | | | | |
| ECQVRQ-5871 | PowerPlex® 21 | | | | | |
| | 12,12 | 17,17 | | 15,19 | 11,11 | 12,18 |
| | 8,9 | 10,12 | | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | | X,Y | 9,10 |
| | 19,21 | 9,9 | 7,17 | | 9,9 | 8,8 |
| | 16,16 | | | | | |
| ELK4CH-5871 | PowerPlex® Fusion | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | 9 | 7,17 | | 9 | 8 |
| | 16 | 11 | | | | |

TABLE 1

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

Item 3 - STR Results

| | | | | | | |
|-------------|--|---------|-------|---------|-------|-------|
| EMWFET-5871 | Investigator® 24plex GO! | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | | | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | | | | |
| EQBDMF-5876 | Verifiler Plus (GeneMapper ID-X 1.5) | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | 12,18 |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | 9,9 | 7,17 | | 9,9 | 8,8 |
| | 16,16 | | | | 2 | |
| FLV6YG-5871 | GlobalFiler™ (FBI Popstats) | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | | 18 | 9 | 8 |
| | 16 | 11 | | | 2 | |
| GNXMAG-5876 | PowerPlex® Fusion 6C (ANDE FAIRS Claimed Relationship) | | | | | |
| | | | | | | 12,18 |
| | 8,9 | | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | | | 9,10 |
| | 19,21 | | 7,17 | | 9 | |
| GYD4PB-5876 | Identifiler® Plus, GlobalFiler™ | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | | | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | | | 2 | |
| HEP84A-5871 | PowerPlex® Fusion 6C | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | 9,9 | 7,17 | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | 20 | 19 | | |

TABLE 1

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

Item 3 - STR Results

| | | | | | | |
|-------------|--|---------|-------|---------|-------|-------|
| HW6G4A-5871 | PowerPlex® Fusion 6C | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | 9,9 | 7,17 | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | 20 | 19 | | |
| HZ7P9K-5871 | PowerPlex® 21 | | | | | |
| | 12,12 | 17,17 | | 15,19 | 11,11 | 12,18 |
| | 8,9 | 10,12 | | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | | X,Y | 9,10 |
| | 19,21 | 9,9 | 7,17 | | 9,9 | 8,8 |
| | 16,16 | | | | | |
| JAAZFA-5871 | PowerPlex® Fusion, iPLEXSTR | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | 9 | 7,17 | 18 | 9 | 8 |
| | 16 | | | | | |
| JH63GL-5876 | GlobalFiler™ | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | | 18 | 9 | 8 |
| | 16 | 11 | | | 2 | |
| JJWX7E-5876 | ANDE Flex Plex (ANDE FAIRS Kinship Software) | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | 12,18 |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | 7,17 | 18 | 9 | 8 |
| | 16 | 11 | 20 | 19 | | |
| JVU29N-5871 | Investigator® 24plex | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | | 18 | 9 | 8 |
| | 16 | 11 | | | | |

TABLE 1

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

Item 3 - STR Results

| | | | | | | |
|-------------|-------------------------------|---------|-------|---------|-------|-------|
| K3ZHV3-5871 | GlobalFiler™ (Forestatistics) | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | | 18 | 9 | 8 |
| | 16 | 11 | | | 2 | |
| K9UZVK-5871 | PowerPlex® Fusion 6C | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | 9,9 | 7,17 | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | 20 | 19 | | |
| KDPUTL-5871 | GlobalFiler™ Express | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | | 18 | 9 | 8 |
| | 16 | 11 | | | 2 | |
| LPGZ3A-5871 | GlobalFiler™ | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | | | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | | | 2 | |
| LX8L7M-5871 | GlobalFiler™ | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | | 18 | 9 | 8 |
| | 16 | 11 | | | 2 | |
| M26LKB-5876 | GlobalFiler™ | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | 12,18 |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | 9 | 7,17 | 18 | 9 | 8 |
| | 16 | 11 | | | 2 | |

TABLE 1

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

Item 3 - STR Results

M3KHDA-5876 PowerPlex® CS7, VeriFiler™ Express, SureID® 27comp, Investigator® HDplex

| | | | | | | |
|---|-------|---------|-------|---------|------|-------|
| | 12 | 17 | 10,14 | 15,19 | 11 | 12,18 |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | 9 | 7,17 | 18 | 9 | 8 |
| | 16 | | | | 2 | |

MC8JTJ-5871 GlobalFiler™

| | | | | | | |
|---|-------|---------|-------|---------|------|-------|
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | | 18 | 9 | 8 |
| | 16 | 11 | | | 2 | |

MJKVLB-5871 PowerPlex® Fusion

| | | | | | | |
|---|-------|---------|-------|---------|------|-------|
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | 9 | 7,17 | | 9 | 8 |
| | 16 | 11 | | | | |

MNZ4AB-5871 Identifiler® Plus

| | | | | | | |
|---|-------|---------|-------|-------|-------|-------|
| | | 17,17 | | 15,19 | 11,11 | |
| | 8,9 | 10,12 | | | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | | X,Y | 9,10 |
| | 19,21 | | | | 9,9 | 8,8 |
| | 16,16 | | | | | |

MRD473-5871 GlobalFiler™ (Familias 3.4)

| | | | | | | |
|---|-------|---------|-------|---------|-------|-------|
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | / |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | / | / | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | / | / | 2 | |

MVQBF4-5876 VERIFILER PLUS

| | | | | | | |
|---|-------|---------|-------|---------|-------|-------|
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | 12,18 |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | 9,9 | 7,17 | | 9,9 | 8,8 |
| | 16,16 | | | | 2 | |

TABLE 1

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

Item 3 - STR Results

| | | | | | | |
|-------------|-------------------------------------|---------|-------|---------|-------|-------|
| N633X6-5871 | PowerPlex® Fusion 6C | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | |
| | 8,9 | 10,12 | 14,16 | 19.3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | 9,9 | 7,17 | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | 20 | 19 | | |
| NADDND-5871 | PowerPlex® 21 (Kinship) | | | | | |
| | 12,12 | 17,17 | | 15,19 | 11,11 | 12,18 |
| | 8,9 | 10,12 | | 19.3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | | X,Y | 9,10 |
| | 19,21 | 9,9 | 7,17 | | 9,9 | 8,8 |
| | 16,16 | | | | | |
| NHRYWG-5871 | GlobalFiler™ | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19.3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | | 18 | 9 | 8 |
| | 16 | 11 | | | 2 | |
| NJ32K2-5876 | PowerPlex® Fusion 5C, Verifier Plus | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | 12,18 |
| | 8,9 | 10,12 | 14,16 | 19.3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | 9 | 7,17 | - | 9 | 8 |
| | 16 | 11 | - | - | 2 | |
| NNXVH3-5871 | GlobalFiler™ | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19.3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | | 18 | 9 | 8 |
| | 16 | 11 | | | 2 | |
| NYCPWG-5871 | GlobalFiler™ | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19.3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | | 18 | 9 | 8 |
| | 16 | 11 | | | 2 | |

TABLE 1

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

Item 3 - STR Results

| | | | | | | |
|-------------|--|---------|-------|---------|-------|-------|
| PDQDK6-5871 | GlobalFiler™ (FBI Popstats) | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | | 18 | 9 | 8 |
| | 16 | 11 | | | 2 | |
| PY4UD3-5876 | PowerPlex® Fusion System, Power Plex Y23, Qiagen HDplex (GeneMapper ID v. 3.2.1) | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | 9,9 | 7,17 | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | | | | |
| QCUG9F-5871 | Investigator® 24plex GO | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | | | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | | | | |
| RAKQLX-5876 | GlobalFiler™ Express | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | - |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | - | - | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | - | - | 2 | |
| RG4WH4-5871 | GlobalFiler™ | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | | 18 | 9 | 8 |
| | 16 | 11 | | | 2 | |
| T2682X-5871 | GlobalFiler™ | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | | 18 | 9 | 8 |
| | 16 | 11 | | | 2 | |

TABLE 1

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

Item 3 - STR Results

| | | | | | | |
|-------------|-----------------------------------|---------|-------|---------|-------|-------|
| TAEY7L-5871 | Verifiler Express (Familias) | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | 12,18 |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | 9,9 | 7,17 | | 9,9 | 8,8 |
| | 16,16 | | | | 2 | |
| TEAQDX-5871 | PowerPlex® Fusion 6C | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | 9,9 | 7,17 | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | 20 | 19 | | |
| TJN9UE-5876 | GlobalFiler™, MiniFiler (KinCalc) | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | | | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | | | 2 | |
| VAA29V-5876 | GlobalFiler™ | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | | 18 | 9 | 8 |
| | 16 | 11 | | | 2 | |
| VL3HXW-5876 | GlobalFiler™ Express | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | 9,9 | | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | | | 2 | |
| WKQ6UZ-5871 | PowerPlex® 5C | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | -- |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | 9 | 7,17 | -- | 9 | 8 |
| | 16 | 11 | -- | -- | -- | |

TABLE 1

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

Item 3 - STR Results

| | | | | | | |
|-------------|-------------------------------|---------|-------|---------|-------|-------|
| WTGN89-5871 | GlobalFiler™ | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | | 18 | 9 | 8 |
| | 16 | 11 | | | 2 | |
| XHWYNU-5871 | PowerPlex® Fusion 6C | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | 9,9 | 7,17 | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | 20 | 19 | | |
| XNKLJY-5876 | GenePrint 24 | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | -- |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | 9 | 7,17 | -- | 9 | 8 |
| | 16 | 11 | -- | -- | -- | |
| YFXAJT-5871 | GlobalFiler™ (Forestatistics) | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | | 18 | 9 | 8 |
| | 16 | 11 | | | 2 | |
| YQ7M2T-5871 | PowerPlex® Fusion 6C | | | | | |
| | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16,16 | X,Y | 9,10 |
| | 19,21 | 9,9 | 7,17 | 18,18 | 9,9 | 8,8 |
| | 16,16 | 11 | 20 | 19 | | |
| Z47LPP-5876 | GlobalFiler™ Express | | | | | |
| | 12 | 17 | 10,14 | 15,19 | 11 | |
| | 8,9 | 10,12 | 14,16 | 19,3,22 | 8,11 | 12,13 |
| 3 | 12,14 | 12,15.2 | 28,29 | 16 | X,Y | 9,10 |
| | 19,21 | | | 18 | 9 | 8 |
| | 16 | 11 | | | 2 | |

TABLE 1

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

Item 3 - STR Results

| | | | | | | |
|-------------|--------------|-------|---------|-------|---------|-------|
| ZJNEDV-5876 | Identifiler® | | | | | |
| | | 17,17 | | 15,19 | 11,11 | |
| | | 8,9 | 10,12 | | 8,11 | 12,13 |
| 3 | | 12,14 | 12,15.2 | 28,29 | X,Y | 9,10 |
| | | 19,21 | | | 9,9 | 8,8 |
| | | 16,16 | | | | |
| ZYCRP3-5871 | GlobalFiler™ | | | | | |
| | | 12,12 | 17,17 | 10,14 | 15,19 | 11,11 |
| | | 8,9 | 10,12 | 14,16 | 19.3,22 | 8,11 |
| 3 | | 12,14 | 15,15.2 | 28,29 | 16,16 | X,Y |
| | | 19,21 | | | 18,18 | 9,9 |
| | | 16,16 | 11 | | | 2 |

TABLE 1

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

Item 4 - STR Results

| | | | | | | |
|-------------|--|-------|---------|-------|-------|-------|
| 2FXRVT-5871 | GlobalFiler™ (Popstats) | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |
| 2NAQQ4-5871 | GlobalFiler™ Express | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | NT |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | NT | NT | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | NT | NT | 2 | |
| 2WZQHP-5871 | GlobalFiler™ (Forestatistics) | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | | | 2 | |
| 338GMR-5871 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | - |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | 17 | 19 | - | |
| 38J7MN-5871 | PowerPlex® Fusion 6C, GlobalFiler™, Investigator® HDplex | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | 17 | 19 | 2 | |
| 3BHJ9T-5871 | PowerPlex® FUSION C6 | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | 17 | 19 | | |

TABLE 1

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

Item 4 - STR Results

| | | | | | | |
|-------------|--|-------|---------|-------|-------|-------|
| 3V3HB3-5871 | GlobalFiler™ | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |
| 4EGGVQ-5871 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | 17 | 19 | | |
| 4MZHYN-5871 | GlobalFiler™ IQC (GenoProof® Software) | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | | | 2 | |
| 4Q7DV4-5876 | GlobalFiler™, MiniFiler | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | | | 2 | |
| 4QPZUL-5871 | PowerPlex® Fusion 6C (eDNA) | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | 17 | 19 | | |
| 4ZGH9U-5871 | PowerPlex® Fusion (Gene Analysen) | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | | 6,7 | 8 |
| | 18,19 | 11 | | | | |

TABLE 1

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

Item 4 - STR Results

| | | | | | | |
|-------------|---------------------------------|-------|---------|-------|-------|-------|
| 6LQ784-5871 | GlobalFiler™ (Popstats) | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |
| 6WCAGN-5871 | PowerPlex® Fusion 6C (Popstats) | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | 17 | 19 | | |
| 6YHRFK-5876 | GlobalFiler™ Express | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | | | 2 | |
| 6ZBKB4-5871 | GlobalFiler™ Express (Popstats) | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |
| 77WXPW-5871 | PowerPlex® 21 | | | | | |
| | 12,17 | 18,18 | | 16,17 | 11,13 | 12,12 |
| | 8,11 | 12,13 | | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | | 6,7 | 8,8 |
| | 18,19 | | | | | |
| 7AFVGT-5871 | PowerPlex® Fusion | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | | 6,7 | 8 |
| | 18,19 | 11 | | | | |

TABLE 1

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

Item 4 - STR Results

| | | | | | | |
|-------------|-------------------------------|-------|---------|-------|-------|-------|
| 7J6ML-5871 | GlobalFiler™ (Forestatistics) | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |
| 7T74EN-5871 | GlobalFiler™ (Popstats) | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |
| 83QUEL-5876 | GlobalFiler™ | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |
| 886DW3-5871 | GlobalFiler™ (Popstats) | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |
| 8AQQ4Z-5876 | GlobalFiler™ | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | | | 2 | |
| 8J2JPZ-5876 | PowerPlex® Fusion | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | | 6,7 | 8 |
| | 18,19 | 11 | | | | |

TABLE 1

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

Item 4 - STR Results

| | | | | | | |
|-------------|--|-------|---------|-------|-------|-------|
| 9MNEEJ-5871 | PowerPlex® Fusion, VeriFiler plus, PowerPlex ESX 17 (CODIS v 9.0.27.110) | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | 12,12 |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | | | 2 | |
| 9NQFRW-5871 | GlobalFiler™ | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |
| A69XYN-5871 | PowerPlex® ESI 16 Fast System | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | | |
| | | 12,13 | 13,15 | 16,18 | | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | |
| | 23,24 | | | | 6,7 | |
| | 18,19 | | | | | |
| AAJMZK-5871 | PowerPlex® Fusion 6C (Popstats) | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | 17 | 19 | | |
| ADJXVK-5871 | GlobalFiler™ | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | | | 2 | |
| AGZHFE-5871 | GlobalFiler™ Express (Personal software) | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | | | 2 | |

TABLE 1

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

Item 4 - STR Results

| | | | | | | |
|-------------|---|-------|---------|-------|-------|-------|
| B92L4H-5871 | PowerPlex® Fusion, ESX 17, Verifiler Plus | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | 12,12 |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | | | 2 | |
| CC2QKM-5871 | PowerPlex® Fusion | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | | 6,7 | 8 |
| | 18,19 | 11 | | | | |
| DTMQQC-5871 | PowerPlex® Fusion 5C | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | | 6,7 | 8 |
| | 18,19 | 11 | | | | |
| DXFUHV-5871 | Investigator® 24plex | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | | |
| ECQVRQ-5871 | PowerPlex® 21 | | | | | |
| | 12,17 | 18,18 | | 16,17 | 11,13 | 12,12 |
| | 8,11 | 12,13 | | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | | 6,7 | 8,8 |
| | 18,19 | | | | | |
| ELK4CH-5871 | PowerPlex® Fusion | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | | 6,7 | 8 |
| | 18,19 | 11 | | | | |

TABLE 1

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

Item 4 - STR Results

| | | | | | | |
|-------------|--|-------|---------|-------|-------|-------|
| EMWFET-5871 | Investigator® 24plex GO! | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | | | | |
| EQBDMF-5876 | Verifiler Plus (GeneMapper ID-X 1.5) | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | 12,12 |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | | 6,7 | 8,8 |
| | 18,19 | | | | 2 | |
| FLV6YG-5871 | GlobalFiler™ (FBI Popstats) | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |
| GNXMAG-5876 | PowerPlex® Fusion 6C (ANDE FAIRS Claimed Relationship) | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | 12 |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | 7,12 | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | 17 | 19 | | |
| GYD4PB-5876 | Identifiler® Plus, GlobalFiler™ | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 29,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | | | 2 | |
| HEP84A-5871 | PowerPlex® Fusion 6C (FBI Popstats) | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | 17 | 19 | | |

TABLE 1

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

Item 4 - STR Results

| | | | | | | |
|--|-------|-------|---------|-------|-------|-------|
| HW6G4A-5871 PowerPlex® Fusion 6C (Popstats) | | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | 17 | 19 | | |
| HZ7P9K-5871 PowerPlex® 21 | | | | | | |
| | 12,17 | 18,18 | | 16,17 | 11,13 | 12,12 |
| | 8,11 | 12,13 | | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | | 6,7 | 8,8 |
| | 18,19 | | | | | |
| JAAZFA-5871 PowerPlex® Fusion, iPLEXSTR | | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | 19,20 | 6,7 | 8 |
| | 18,19 | | | | | |
| JH63GL-5876 GlobalFiler™ | | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |
| JJWX7E-5876 ANDE Flex Plex (ANDE FAIRS Kinship Software) | | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | 12 |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | 7,12 | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | 17 | 19 | | |
| JVU29N-5871 Investigator® 24plex | | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | | |

TABLE 1

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

Item 4 - STR Results

| | | | | | | |
|-------------|-------------------------------|-------|---------|-------|-------|-------|
| K3ZHV3-5871 | GlobalFiler™ (Forestatistics) | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |
| K9UZVK-5871 | PowerPlex® Fusion 6C | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | 17 | 19 | | |
| KDPUTL-5871 | GlobalFiler™ Express | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |
| LPGZ3A-5871 | GlobalFiler™ | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | | | 2 | |
| LX8L7M-5871 | GlobalFiler™ (Popstats) | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |
| M26LKB-5876 | GlobalFiler™ | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | 12 |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |

TABLE 1

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

Item 4 - STR Results

| | | | | | | |
|-------------|--|-------|---------|-------|-------|-------|
| M3KHDA-5876 | PowerPlex® CS7, VeriFiler™ Express, SureID® 27comp, Investigator® HDplex | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | 12 |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | 19,20 | 6,7 | 8 |
| | 18,19 | | | | 2 | |
| MC8JTJ-5871 | GlobalFiler™ (Popstats) | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |
| MJKVLB-5871 | PowerPlex® Fusion | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | | 6,7 | 8 |
| | 18,19 | 11 | | | | |
| MNZ4AB-5871 | Identifiler® Plus | | | | | |
| | | 18,18 | | 16,17 | 11,13 | |
| | 8,11 | 12,13 | | | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | | X,Y | 12,13 |
| | 23,24 | | | | 6,7 | 8,8 |
| | 18,19 | | | | | |
| MRD473-5871 | GlobalFiler™ (Familias 3.4) | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | | | 2 | |
| MVQBF4-5876 | VERIFILER PLUS | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | 12,12 |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | | 6,7 | 8,8 |
| | 18,19 | | | | 2 | |

TABLE 1

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

Item 4 - STR Results

| | | | | | | |
|-------------|-------------------------------------|-------|---------|-------|-------|-------|
| N633X6-5871 | PowerPlex® Fusion 6C (FBI Popstats) | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | 17 | 19 | | |
| NADDND-5871 | PowerPlex® 21 (Kinship) | | | | | |
| | 12,17 | 18,18 | | 16,17 | 11,13 | 12,12 |
| | 8,11 | 12,13 | | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | | 6,7 | 8,8 |
| | 18,19 | | | | | |
| NHRYWG-5871 | GlobalFiler™ | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |
| NJ32K2-5876 | PowerPlex® Fusion 5C, Verifier Plus | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | 12 |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | - | 6,7 | 8 |
| | 18,19 | 11 | - | - | 2 | |
| NNXVH3-5871 | GlobalFiler™ | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |
| NYCPWG-5871 | GlobalFiler™ (Popstats) | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |

TABLE 1

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

Item 4 - STR Results

| | | | | | | |
|-------------|--|-------|---------|-------|-------|-------|
| PDQDK6-5871 | GlobalFiler™ (FBI Popstats) | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |
| PY4UD3-5876 | PowerPlex® Fusion System, Power Plex Y23, Qiagen HDplex (GeneMapper ID v. 3.2.1) | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | | | | |
| QCUG9F-5871 | Investigator® 24plex GO (PopStats) | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | | | | |
| RAKQLX-5876 | GlobalFiler™ Express | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | - |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | - | - | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | - | - | 2 | |
| RG4WH4-5871 | GlobalFiler™ (FBI PopStats) | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |
| T2682X-5871 | GlobalFiler™ | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |

TABLE 1

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

Item 4 - STR Results

| | | | | | | |
|-------------|-----------------------------------|-------|---------|-------|-------|-------|
| TAEY7L-5871 | Verifiler Express (Familias) | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | 12,12 |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | | 6,7 | 8,8 |
| | 18,19 | | | | 2 | |
| TEAQDX-5871 | PowerPlex® Fusion 6C (Popstats) | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | 17 | 19 | | |
| TJN9UE-5876 | GlobalFiler™, MiniFiler (KinCalc) | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | | | 2 | |
| VAA29V-5876 | GlobalFiler™ | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |
| VL3HXW-5876 | GlobalFiler™ Express | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | | | 2 | |
| WKQ6UZ-5871 | PowerPlex® 5C | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | -- |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | -- | 6,7 | 8 |
| | 18,19 | 11 | -- | -- | -- | |

TABLE 1

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

Item 4 - STR Results

| | | | | | | |
|---|-------|-------|---------|-------|-------|-------|
| WTGN89-5871 GlobalFiler™ | | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |
| XHWYNU-5871 PowerPlex® Fusion 6C (Popstats) | | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | 17 | 19 | | |
| XNKLJY-5876 GenePrint24 | | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | -- |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | -- | 6,7 | 8 |
| | 18,19 | 11 | -- | -- | -- | |
| YFXAJT-5871 GlobalFiler™ (Forestatistics) | | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |
| YQ7M2T-5871 PowerPlex® Fusion 6C (FBI Popstats) | | | | | | |
| | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12,12 |
| 4 | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | 12,14 | 7,12 | 19,20 | 6,7 | 8,8 |
| | 18,19 | 11 | 17 | 19 | | |
| Z47LPP-5876 GlobalFiler™ Express | | | | | | |
| | 12,17 | 18 | 11,14 | 16,17 | 11,13 | |
| | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 | 12 |
| 4 | 14,15 | 15 | 28,31.2 | 12,15 | X,Y | 12,13 |
| | 23,24 | | | 19,20 | 6,7 | 8 |
| | 18,19 | 11 | | | 2 | |

TABLE 1

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

Item 4 - STR Results

| | | | | | | |
|-------------|--------------|-------|-------|---------|-------|-------|
| ZJNEDV-5876 | Identifiler® | | | | | |
| | | 18,18 | | 16,17 | 11,13 | |
| | | 8,11 | 12,13 | | 10,11 | 12,12 |
| 4 | | 14,15 | 15,15 | 28,31.2 | X,Y | 12,13 |
| | | 23,24 | | | 6,7 | 8,8 |
| | | 18,19 | | | | |
| ZYCRP3-5871 | GlobalFiler™ | | | | | |
| | | 12,17 | 18,18 | 11,14 | 16,17 | 11,13 |
| | | 8,11 | 12,13 | 13,15 | 16,18 | 10,11 |
| 4 | | 14,15 | 15,15 | 28,31.2 | 12,15 | X,Y |
| | | 23,24 | | | 19,20 | 6,7 |
| | | 18,19 | 11 | | | 2 |

Paternity Index Results

TABLE 2

| WebCode-Test | Population Database(s) | | | | | |
|--------------|------------------------|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| vWA | | | | | | |

Item 3PI - Paternity Index Results

| | | | | | | | |
|-------------|---------------------------------|-------------|-------------|-------------|-------------|-------------|--|
| 2FXRVT-5871 | FBI PopStats | | | | | | |
| | 8.41 | | | | 2.44 | | |
| | | 3.54 | | | 1.60 | 0.814 | |
| 3PI | 2.37 | | | | | | |
| | 1.49 | | | | | 1.82 | |
| | | | | | | | |
| 338GMR-5871 | NIST-STRBASE | | | | | | |
| | 8.59845 | 0 | 0 | 0 | 2.80899 | - | |
| | 0 | 2.98329 | 0 | 0 | 1.53610 | 0.79517 | |
| 3PI | 2.86533 | 0 | 0 | 0 | | 0 | |
| | 1.51012 | 0 | 0 | 0 | 0 | 1.90512 | |
| | | | | | | | |
| 4EGGVQ-5871 | [Location Identifying Database] | | | | | | |
| | 7.7260 | not matched | not matched | not matched | 2.9772 | | |
| | not matched | 3.6663 | not matched | not matched | 1.5531 | 0.8272 | |
| 3PI | 2.3556 | not matched | not matched | not matched | | not matched | |
| | 1.5246 | not matched | not matched | not matched | not matched | 1.8499 | |
| | | | | | | | |
| 4MZHYN-5871 | [Location Identifying Database] | | | | | | |
| | 9.1074 | n.m. | n.m. | n.m. | 2.7706 | | |
| | n.m. | 3.0674 | n.m. | n.m. | 1.4731 | 0.7987 | |
| 3PI | 2.8232 | n.m. | n.m. | n.m. | | n.m. | |
| | 1.4934 | | | n.m. | n.m. | 1.8699 | |
| | | | | | | | |
| 4Q7DV4-5876 | NIST-STRBASE | | | | | | |
| | 7.62 | 0 | 0 | 0 | 2.77 | | |
| | 0 | 2.93 | 0 | 0 | 1.46 | 0.790 | |
| 3PI | 2.54 | 0 | 0 | 0 | | 0 | |
| | 1.44 | | | 0 | 0 | 1.91 | |
| | | | | | | | |
| 4QPZUL-5871 | FBI PopStats | | | | | | |
| | 8.5985 | 0.0000 | 0.0000 | 0.0000 | 2.4372 | | |
| | 0.0000 | 3.4388 | 0.0000 | 0.0000 | 1.5557 | 0.8171 | |
| 3PI | 2.3901 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 | |
| | 1.5074 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 1.8282 | |
| | | | | | | | |
| 4ZGH9U-5871 | NIST-STRBASE | | | | | | |
| | 8.60 | 0.68 | 0.15 | 0.14 | 2.81 | | |
| | 0.02 | 2.98 | 50.5 | 0.01 | 1.54 | 0.80 | |
| 3PI | 2.87 | 0.00 | 0.00 | | | 0.01 | |
| | 1.51 | 0.00 | 0.00 | | 0.01 | 1.91 | |
| | | | | | | | |
| | 0.04 | | | | | | |

TABLE 2

| WebCode-Test | Population Database(s) | | | | | |
|--------------|------------------------|---------|----------|----------|------------|---------|
| | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| Item | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | | | | | |

Item 3PI - Paternity Index Results

| | | | | | | |
|-------------|---------------------------------|--------|--------|-------|--------|---------|
| 77WXPW-5871 | NIST-STRBASE | | | | | |
| | 8.5985 | 0 | | 0 | 2.8090 | 2.1115 |
| | 0 | 2.9833 | | 0 | 1.5361 | 0.7952 |
| 3PI | 2.8653 | 0 | 0 | | | 0 |
| | 1.5101 | 0 | 0 | | 0 | 1.9051 |
| | 0 | | | | | |
| 83QUEL-5876 | FBI PopStats | | | | | |
| | 11.574 | | | | 3.1686 | |
| | | 3.5236 | | | 1.7212 | 0.91191 |
| 3PI | 2.6233 | | | | | |
| | 1.6496 | | | | | 2.1450 |
| 8AQG4Z-5876 | NIST-STRBASE | | | | | |
| | 7.62 | 0.000 | 0.000 | 0.000 | 2.77 | |
| | 0.000 | 2.93 | 0.000 | 0.000 | 1.46 | 0.790 |
| 3PI | 2.54 | 0.000 | 0.000 | 0.000 | | 0.000 |
| | 1.44 | | | 0.000 | 0.000 | 1.91 |
| | 0.000 | | | | | |
| AGZHF5-5871 | [Location Identifying Database] | | | | | |
| | 9.90 | 0 | 0 | 0 | 3.26 | |
| | 0 | 3.83 | 0 | 0 | 1.90 | 0.85 |
| 3PI | 2.36 | 0 | 0 | 0 | | 0 |
| | 1.56 | | | 0 | 0 | 1.77 |
| | 0 | | | | | |
| DXFUHV-5871 | FBI PopStats | | | | | |
| | 8.4175 | | | | 2.4486 | |
| | | 3.5436 | | | 1.6031 | 0.81446 |
| 3PI | 2.3764 | | | | | |
| | 1.4966 | | | | | 1.8282 |
| JAAZFA-5871 | NIST-STRBASE | | | | | |
| | 8.60 | 0 | 0 | 0 | 2.81 | |
| | 0 | 2.98 | 0 | 0 | 1.54 | 0.80 |
| 3PI | 2.87 | 0 | 0 | 0 | | 0 |
| | 1.51 | 0 | 0 | 0 | 0 | 1.91 |
| | 0 | | | | | |
| JJWX7E-5876 | NIST-STRBASE | | | | | |
| | 5.7877 | 3.5238 | | | 1.5841 | 1.1667 |
| | 0 | | 0.0017 | | | 0.9737 |
| 3PI | 1.9328 | 0 | | | | 1.0769 |
| | 1.6984 | | | 0 | 0 | 1.0725 |
| | 0 | | | | | |

TABLE 2

| WebCode-Test | Population Database(s) | | | | | |
|--------------|------------------------|---------|----------|----------|------------|---------|
| | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| Item | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | | | | | |

Item 3PI - Paternity Index Results

| | | | | | | |
|-------------|--------------|--------|--|--|--------|---------|
| JVU29N-5871 | FBI PopStats | | | | | |
| | 8.4175 | | | | 2.4486 | |
| | | 3.5436 | | | 1.6031 | 0.81446 |
| 3PI | 2.3764 | | | | | |
| | 1.4966 | | | | | 1.8282 |

| | | | | | | |
|-------------|--------------|--------|--|--|--------|---------|
| KDPUTL-5871 | FBI PopStats | | | | | |
| | 8.4175 | | | | 2.4486 | |
| | | 3.5436 | | | 1.6031 | 0.81446 |
| 3PI | 2.3764 | | | | | |
| | 1.4966 | | | | | 1.8282 |

| | | | | | | |
|-------------|--------------|--------|--------|--------|--------|--------|
| M26LKB-5876 | NIST-STRBASE | | | | | |
| | 8.5985 | 0.0000 | 0.0000 | 0.0000 | 2.8090 | 2.1115 |
| | 0.0000 | 2.9833 | 0.0000 | 0.0000 | 1.5361 | 0.7952 |
| 3PI | 2.8653 | 0.0000 | 0.0000 | 0.0000 | | 0.0000 |
| | 1.5101 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 1.9051 |
| | 0.0000 | | | | | |

| | | | | | | |
|-------------|------------------------------|----------|----------|----------|----------|----------|
| MRD473-5871 | laboratory specific database | | | | | |
| | 14.62 | 8.18 E-2 | 6.05 E-3 | 9.32 E-3 | 4.16 | / |
| | 1.17 E-3 | 2.39 | 1.81 | 3.46 E-5 | 3.92 | 1.36 |
| 3PI | 24.37 | 3.89 E-4 | 5.35 E-5 | 4.03 E-4 | | 1.99 E-2 |
| | 5.35 | / | / | 2.01 E-2 | 2.63 E-2 | 12.42 |
| | 9.04 E-4 | | | | | |

| | | | | | | |
|-------------|--------------|--------|---|---|--------|--------|
| NADDND-5871 | NIST-STRBASE | | | | | |
| | 8.5985 | 0 | | 0 | 2.8090 | 2.1115 |
| | 0 | 2.9833 | | 0 | 1.5361 | 0.7952 |
| 3PI | 2.8653 | 0 | 0 | | | 0 |
| | 1.5101 | 0 | 0 | | 0 | 1.9051 |
| | 0 | | | | | |

| | | | | | | |
|-------------|--------------|------|---|---|------|-------|
| NNXVH3-5871 | NIST-STRBASE | | | | | |
| | 8.59 | 0 | 0 | 0 | 2.80 | |
| | 0 | 2.98 | 0 | 0 | 1.53 | 0.795 |
| 3PI | 2.86 | 0 | 0 | 0 | | 0 |
| | 1.51 | | | 0 | 0 | 1.90 |
| | 0 | | | | | |

| | | | | | | |
|-------------|--------------|--------|--|--|--------|--------|
| PDQDK6-5871 | FBI PopStats | | | | | |
| | 8.4175 | | | | 2.4486 | |
| | | 3.5436 | | | 1.6031 | .81446 |
| 3PI | 2.3764 | | | | | |
| | 1.4966 | | | | | 1.8282 |

TABLE 2

| WebCode-Test | Population Database(s) | | | | | |
|--------------|------------------------|---------|----------|----------|------------|---------|
| | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| Item | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | | | | | |

Item 3PI - Paternity Index Results

PY4UD3-5876 LABORATORY SPECIFIC DATABASE

| | | | | | | |
|-----|--------|--------|---|---|--------|--------|
| | 9.6153 | 0 | 0 | 0 | 3.0581 | |
| | 0 | 2.8441 | 0 | 0 | 1.3368 | 0.7749 |
| 3PI | 2.9568 | 0 | 0 | 0 | | 0 |
| | 1.5413 | 0 | 0 | 0 | 0 | 1.8443 |
| | 0 | | | | | |

T2682X-5871 NIST-STRBASE

| | | | | | | |
|-----|------|------|---|---|------|-------|
| | 8.59 | 0 | 0 | 0 | 2.80 | |
| | 0 | 2.98 | 0 | 0 | 1.53 | 0.795 |
| 3PI | 2.86 | 0 | 0 | 0 | | 0 |
| | 1.51 | | | 0 | 0 | 1.90 |
| | 0 | | | | | |

TAEY7L-5871 NIST-STRBASE

| | | | | | | |
|-----|-------|-------|---|---|-------|--------|
| | 8.598 | 0 | 0 | 0 | 2.809 | 2.123 |
| | 0 | 2.983 | 0 | 0 | 1.536 | 0.7951 |
| 3PI | 2.866 | 0 | 0 | 0 | | 0 |
| | 1.510 | 0 | 0 | | 0 | 1.905 |
| | 0 | | | | | |

TJN9UE-5876 NIST-STRBASE

| | | | | | | |
|-----|------|------|---|---|------|-------|
| | 7.62 | 0 | 0 | 0 | 2.77 | |
| | 0 | 2.93 | 0 | 0 | 1.46 | 0.790 |
| 3PI | 2.54 | 0 | 0 | 0 | | 0 |
| | 1.44 | | | 0 | 0 | 1.91 |
| | 0 | | | | | |

VAA29V-5876 [Location Identifying Database]

| | | | | | | |
|-----|------|------|---|---|------|------|
| | | 0 | | 0 | 2.55 | |
| | 0 | 3.56 | | | 1.68 | 0.80 |
| 3PI | 2.36 | 0 | 0 | | | 0 |
| | 1.56 | | | | 0 | 1.88 |
| | 0 | | | | | |

VL3HXW-5876 NIST-STRBASE

| | | | | | | |
|-----|--------|--------|--------|--------|--------|--------|
| | 4.2976 | 2.6940 | 1.0374 | 0.9162 | 1.4047 | |
| | | 1.4917 | | | 1.5362 | 0.7952 |
| 3PI | 1.8608 | | | 1.3080 | | 1.1352 |
| | 1.3992 | | | | | 0.9525 |
| | | | | | | |

WKQ6UZ-5871 FBI PopStats, NIST/Promega

| | | | | | | |
|-----|------|------|---|----|------|------|
| | 9.03 | 0 | 0 | 0 | 2.43 | -- |
| | 0 | 3.39 | 0 | 0 | 1.55 | 0.81 |
| 3PI | 2.34 | 0 | 0 | 0 | | 0 |
| | 1.49 | 0 | 0 | -- | 0 | 1.83 |
| | 0 | | | | | |

TABLE 2

| WebCode-Test | Population Database(s) | | | | | |
|--------------|------------------------|---------|----------|----------|------------|---------|
| Item | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | | | | | |

Item 3PI - Paternity Index Results

| | | | | | | |
|-------------|---------------------------------|-------|------|------|-------|-------|
| XNKLJY-5876 | NIST-STRBASE | | | | | |
| | 8.595 | 0 | 0 | 0 | 2.809 | |
| | 0 | 2.983 | 0 | 0 | 1.536 | 0.795 |
| 3PI | 2.865 | 0 | 0 | 0 | | 0 |
| | 1.510 | 0 | 0 | | 0 | 1.905 |
| | 0 | | | | | |
| ZJNEDV-5876 | Caucasian | | | | | |
| | | 0.00 | | 0.00 | 3.24 | |
| | 0.00 | 4.19 | | | 1.50 | 0.82 |
| 3PI | 2.52 | 0.00 | 0.00 | | | 0.00 |
| | 1.49 | | | | 0.00 | 1.95 |
| | 0.00 | | | | | |
| ZYCRP3-5871 | [Location Identifying Database] | | | | | |
| | 8.99 | 0.00 | 0.00 | 0.00 | 2.79 | |
| | 0.00 | 3.74 | 0.00 | 0.00 | 1.62 | 0.84 |
| 3PI | 2.65 | 0.00 | 0.00 | 0.00 | | 0.00 |
| | 1.59 | | | 0.00 | 0.00 | 1.87 |
| | 0.00 | | | | | |

TABLE 2

| WebCode-Test | Population Database(s) | | | | | |
|--------------|------------------------|---------|----------|----------|------------|---------|
| | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| Item | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | | | | | |

Item 4PI - Paternity Index Results

| | | | | | | | |
|-------------|---------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 2FXRVT-5871 | FBI PopStats | 4.20 | 14.97 | 1.61 | 2.14 | 1.22 | |
| | | 2.46 | 3.54 | 2.88 | 11.87 | 1.60 | 1.62 |
| 4PI | | 2.37 | 6.96 | 4.92 | 40.32 | | 6.96 |
| | | 1.49 | | | 11.87 | 1.42 | 1.82 |
| | | 2.29 | | | | | |
| 2WZQHP-5871 | NIST-STRBASE | 4.297619048 | 13.62264151 | 2.074712644 | 2.098837209 | 1.404669261 | |
| | | 2.439189189 | 2.983471074 | 2.542253521 | 22.5625 | 1.536170213 | 1.59030837 |
| 4PI | | 2.865079365 | 6.389380531 | 5.084507042 | 40.11111111 | | 6.118644068 |
| | | 1.510460251 | | | 8.595238095 | 1.510460251 | 1.905013193 |
| | | 2.47260274 | | | | | |
| 338GMR-5871 | NIST-STRBASE | 4.29923 | 13.62398 | 1.45560 | 2.09908 | 1.40449 | - |
| | | 2.43902 | 2.98329 | 2.54194 | 22.52252 | 1.53610 | 1.59033 |
| 4PI | | 2.86533 | 6.38978 | 5.08647 | 40.0 | | 6.11995 |
| | | 1.51012 | 2.14869 | 2.50752 | 8.59107 | 1.51012 | 1.90512 |
| | | 2.47280 | | | | | |
| 38J7MN-5871 | NIST-STRBASE | 4.299 | 13.624 | 1.456 | 2.099 | 1.404 | |
| | | 2.439 | 2.983 | 2.542 | 22.523 | 1.536 | 1.590 |
| 4PI | | 2.865 | 6.390 | 5.086 | 40.000 | | 6.120 |
| | | 1.510 | 2.149 | 2.508 | 8.591 | 1.510 | 1.905 |
| | | 2.473 | | | | | |
| 3V3HB3-5871 | FBI PopStats | 4.2088 | 14.970 | 1.6160 | 2.1487 | 1.2243 | |
| | | 2.4631 | 3.5436 | 2.8852 | 11.876 | 1.6031 | 1.6289 |
| 4PI | | 2.3764 | 6.9638 | 4.9261 | 40.323 | | 6.9638 |
| | | 1.4966 | | | 11.876 | 1.4229 | 1.8282 |
| 4EGGVQ-5871 | [Location Identifying Database] | 3.8630 | 12.2688 | 1.4855 | 1.9968 | 1.4886 | |
| | | 2.4521 | 3.6663 | 2.4266 | 17.4310 | 1.5531 | 1.6544 |
| 4PI | | 2.3556 | 6.1934 | 5.4347 | 39.0939 | | 8.9107 |
| | | 1.5246 | 2.2144 | 2.4448 | 10.2734 | 1.4571 | 1.8499 |
| | | 2.3302 | | | | | |
| 4MZHYN-5871 | [Location Identifying Database] | 4.5537 | 13.5317 | 1.4983 | 2.2999 | 1.3853 | |
| | | 2.4160 | 3.0674 | 2.5549 | 21.9298 | 1.4731 | 1.5974 |
| 4PI | | 2.8232 | 6.4350 | 4.8923 | 41.6666 | | 5.2067 |
| | | 1.4934 | | | 9.2081 | 1.5128 | 1.8699 |
| | | 2.5138 | | | | | |

TABLE 2

| WebCode-Test | Population Database(s) | | | | | |
|--------------|------------------------|---------|----------|----------|------------|---------|
| | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| Item | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | | | | | |

Item 4PI - Paternity Index Results

| | | | | | | |
|-------------|--------------|--------|---------|--------|---------|--------|
| 4Q7DV4-5876 | NIST-STRBASE | | | | | |
| | | 4.12 | 11.1 | 1.47 | 2.10 | 1.42 |
| | | 2.42 | 2.93 | 2.52 | | 1.46 |
| 4PI | | 2.54 | 5.89 | 4.39 | 22.9 | 5.66 |
| | | 1.44 | | | 7.62 | 1.44 |
| | | 2.45 | | | | 1.91 |
| 4QPZUL-5871 | FBI PopStats | | | | | |
| | | 4.2992 | 19.0114 | 1.4556 | 2.1487 | 1.2186 |
| | | 2.4631 | 3.4388 | 2.5419 | 22.5225 | 1.6343 |
| 4PI | | 2.3901 | 7.4129 | 4.9020 | 40.0000 | 6.9638 |
| | | 1.5074 | 2.5126 | 2.8249 | 8.5911 | 1.4229 |
| | | 2.2533 | | | | 1.8282 |
| 4ZGH9U-5871 | NIST-STRBASE | | | | | |
| | | 4.30 | 13.6 | 1.46 | 2.10 | 1.40 |
| | | 2.44 | 2.98 | 2.54 | 22.6 | 1.54 |
| 4PI | | 2.87 | 6.39 | 5.08 | | 6.12 |
| | | 1.51 | 2.15 | 2.51 | | 1.51 |
| | | 2.47 | | | | 1.91 |
| 6LQ784-5871 | NIST-STRBASE | | | | | |
| | | 4.2992 | 13.624 | 1.4556 | 2.0991 | 1.4045 |
| | | 2.4390 | 2.9833 | 2.5419 | | 1.5361 |
| 4PI | | 2.8653 | 6.3898 | 5.0865 | 40.000 | 6.1200 |
| | | 1.5101 | | | 8.5911 | 1.5101 |
| | | 2.4728 | | | | 1.9051 |
| 6WCAGN-5871 | FBI PopStats | | | | | |
| | | 4.2 | 13 | 1.4 | 2.0 | 1.4 |
| | | 2.4 | 2.9 | 2.5 | 22 | 1.5 |
| 4PI | | 2.8 | 6.3 | 5.0 | 40 | 6.1 |
| | | 1.5 | 2.1 | 2.5 | 8.5 | 1.5 |
| | | N/A | | | | 1.9 |
| 6YHRFK-5876 | FBI PopStats | | | | | |
| | | 4.2088 | 14.970 | 1.6160 | 2.1487 | 1.2243 |
| | | 2.4631 | 3.5436 | 2.8852 | 11.876 | 1.6031 |
| 4PI | | 2.3764 | 6.9638 | 4.9261 | 40.323 | 6.9638 |
| | | 1.4966 | | | | 1.4229 |
| | | 2.2957 | | | | 1.8282 |
| 6ZBKB4-5871 | FBI PopStats | | | | | |
| | | 4.2992 | 13.624 | 1.4556 | 2.0991 | 1.4045 |
| | | 2.4390 | 2.9833 | 2.5419 | | 1.5361 |
| 4PI | | 2.8653 | 6.3898 | 5.0865 | 40.000 | 6.1200 |
| | | 1.5101 | | | 8.5911 | 1.5101 |
| | | 2.4728 | | | | 1.9051 |

TABLE 2

| WebCode-Test | Population Database(s) | | | | | |
|--------------|------------------------|---------|----------|----------|------------|---------|
| | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| Item | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | | | | | |

Item 4PI - Paternity Index Results

| | | | | | | |
|-------------|--------------|-------------|-------------|-------------|-------------|-------------|
| 77WXPW-5871 | NIST-STRBASE | | | | | |
| | 4.2992 | 13.6240 | | 2.0991 | 1.4045 | 4.2230 |
| | 2.4390 | 2.9833 | | 22.5225 | 1.5361 | 1.5903 |
| 4PI | 2.8653 | 6.3898 | 5.0865 | | | 6.1200 |
| | 1.5101 | 2.1487 | 2.5075 | | 1.5101 | 1.9051 |
| | 2.4728 | | | | | |
| 7AFVGT-5871 | NIST-STRBASE | | | | | |
| | 4.2992 | 13.6239 | 1.4556 | 2.0990 | 1.4044 | |
| | 2.4390 | 2.9832 | 2.5419 | 22.5225 | 1.5360 | 1.5903 |
| 4PI | 2.8653 | 6.3897 | 5.0864 | 40.0000 | | 6.1199 |
| | 1.5101 | 2.1486 | 2.5075 | | 1.5101 | 1.9051 |
| | 2.4727 | | | | | |
| 7JJ6ML-5871 | NIST-STRBASE | | | | | |
| | 4.297619048 | 13.62264151 | 2.074712644 | 2.098837209 | 1.404669261 | |
| | 2.439189189 | 2.983471074 | 2.542253521 | 22.5625 | 1.536170213 | 1.59030837 |
| 4PI | 2.865079365 | 6.389380531 | 5.084507042 | 40.11111111 | | 6.118644068 |
| | 1.510460251 | | | 8.595238095 | 1.510460251 | 1.905013193 |
| | 2.47260274 | | | | | |
| 7T74EN-5871 | FBI PopStats | | | | | |
| | 4.2088 | 14.970 | 1.6160 | 2.1487 | 1.2243 | |
| | 2.4631 | 3.5436 | 2.8852 | 11.876 | 1.6031 | 1.6289 |
| 4PI | 2.3764 | 6.9638 | 4.9261 | 40.323 | | 6.9638 |
| | 1.4966 | | | 11.876 | 1.4229 | 1.8282 |
| | 2.2957 | | | | | |
| 83QUEL-5876 | FBI PopStats | | | | | |
| | 5.7870 | 14.184 | 1.4693 | 1.7680 | 1.5843 | |
| | 2.1313 | 3.5236 | 2.4839 | 12.346 | 1.7212 | 1.8238 |
| 4PI | 2.6233 | 8.4890 | 6.4767 | 19.531 | | 7.6220 |
| | 1.6496 | | | 6.9061 | 1.5557 | 2.1450 |
| | 2.7778 | | | | | |
| 886DW3-5871 | NIST-STRBASE | | | | | |
| | 4.2992 | 13.624 | 1.4556 | 2.0991 | 1.4045 | |
| | 2.4390 | 2.9833 | 2.5419 | | 1.5361 | 1.5903 |
| 4PI | 2.8653 | 6.3898 | 5.0865 | 40.000 | | 6.1200 |
| | 1.5101 | | | 8.5911 | 1.5101 | 1.9051 |
| | 2.4728 | | | | | |
| 8AQG4Z-5876 | NIST-STRBASE | | | | | |
| | 4.12 | 11.1 | 1.47 | 2.10 | 1.42 | |
| | 2.42 | 2.93 | 2.52 | omitted | 1.46 | 1.56 |
| 4PI | 2.54 | 5.89 | 4.39 | 22.9 | | 5.66 |
| | 1.44 | | | 7.62 | 1.44 | 1.91 |
| | 2.45 | | | | | |

TABLE 2

| WebCode-Test | Population Database(s) | | | | | |
|--------------|------------------------|---------|----------|----------|------------|---------|
| | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| Item | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | | | | | |

Item 4PI - Paternity Index Results

| | | | | | | |
|-------------|---------------------------------|---------|--------|---------|--------|--------|
| 8J2JPZ-5876 | NIST-STRBASE | | | | | |
| | 4.30 | 13.4 | 1.46 | 2.10 | 1.40 | |
| | 2.44 | 2.98 | 2.54 | 22.6 | 1.53 | 1.59 |
| 4PI | 2.87 | 6.35 | 5.03 | 40.1 | | 6.12 |
| | 1.51 | 2.15 | 2.49 | | 1.51 | 1.90 |
| | 2.47 | | | | | |
| 9MNEEJ-5871 | NIST-STRBASE | | | | | |
| | 4.2992 | 13.624 | 1.4556 | 2.0991 | 1.4045 | 4.2463 |
| | 2.4390 | 2.9833 | 2.5419 | 22.523 | 1.5361 | 1.5903 |
| 4PI | 2.8653 | 6.3898 | 5.0865 | 40.000 | | 6.1200 |
| | 1.5101 | 2.1487 | 2.5075 | 8.5911 | 1.5101 | 1.9051 |
| | 2.4728 | | | | | |
| 9NQFRW-5871 | FBI PopStats | | | | | |
| | 4.2088 | 14.970 | 1.6160 | 2.1487 | 1.2243 | |
| | 2.4631 | 3.5436 | 2.8852 | 11.876 | 1.6031 | 1.6289 |
| 4PI | 2.3764 | 6.9638 | 4.9261 | 40.323 | | 6.9638 |
| | 1.4966 | | | 11.876 | 1.4229 | 1.8282 |
| A69XYN-5871 | NIST-STRBASE | | | | | |
| | 5,788 | 14,192 | 1,470 | 1,768 | | |
| | | 3,524 | 2,484 | 12,333 | | 1,824 |
| 4PI | 2,623 | 8,492 | 6,475 | 19,547 | | |
| | 1,650 | | | | 1,556 | |
| | 2,777 | | | | | |
| AAJMZK-5871 | FBI PopStats | | | | | |
| | 4.2 | 13 | 1.4 | 2.0 | 1.4 | |
| | 2.4 | 2.9 | 2.5 | 22 | 1.5 | 1.5 |
| 4PI | 2.8 | 6.3 | 5.0 | 40 | | 6.1 |
| | 1.5 | 2.1 | 2.5 | 8.5 | 1.5 | 1.9 |
| AGZHFE-5871 | [Location Identifying Database] | | | | | |
| | 4.95 | 12.19 | 1.55 | 1.80 | 1.63 | |
| | 1.65 | 3.83 | 2.29 | 23.17 | 1.90 | 1.70 |
| 4PI | 2.36 | 7.22 | 5.71 | 52.48 | | 7.34 |
| | 1.56 | | | 9.32 | 1.70 | 1.77 |
| | 2.38 | | | | | |
| B92L4H-5871 | NIST-STRBASE | | | | | |
| | 4.2992 | 13.6240 | 1.4556 | 2.0991 | 1.4045 | 4.2463 |
| | 2.4390 | 2.9833 | 2.5419 | 22.5225 | 1.5361 | 1.5903 |
| 4PI | 2.8653 | 6.3898 | 5.0865 | 40.000 | | 6.1200 |
| | 1.5101 | 2.1487 | 2.5075 | 8.5911 | 1.5101 | 1.9051 |
| | 2.4728 | | | | | |

TABLE 2

| WebCode-Test | Population Database(s) | | | | | |
|--------------|------------------------|---------|----------|----------|------------|---------|
| | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| Item | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | | | | | |

Item 4PI - Paternity Index Results

| | | | | | | |
|-------------|-----------------|---------|--------|---------|--------|-------------|
| CC2QKM-5871 | NIST-STRBASE | | | | | |
| | 4.2992 | 13.6239 | 1.4556 | 2.0990 | 1.4044 | |
| | 2.4390 | 2.9832 | 2.5419 | 22.5225 | 1.5360 | 1.5903 |
| 4PI | 2.8653 | 6.3897 | 5.0864 | 40.0000 | | 6.1199 |
| | 1.5101 | 2.1486 | 2.5075 | | 1.5101 | 1.9051 |
| | 2.4727 | | | | | |
| DTMQQC-5871 | FBI PopStats | | | | | |
| | 4.2088 | 14.970 | 1.6160 | 2.1487 | 1.2243 | |
| | 2.4631 | 3.5436 | 2.8852 | 11.876 | 1.6031 | 1.6289 |
| 4PI | 2.3764 | 6.9638 | 4.9261 | 40.323 | | 6.9638 |
| | 1.4966 | 2.3764 | 3.1566 | | 1.4229 | 1.8282 |
| | 2.2957 | | | | | |
| DXFUHV-5871 | FBI PopStats | | | | | |
| | 4.2088 | 14.970 | 1.6160 | 2.1487 | 1.2243 | |
| | 2.4631 | 3.5436 | 2.8852 | 11.876 | 1.6031 | 1.6289 |
| 4PI | 2.3764 | 6.9638 | 4.9261 | 40.323 | | 6.9638 |
| | 1.4966 | | | 11.876 | 1.4229 | 1.8282 |
| | 2.2957 | | | | | |
| ECQVRQ-5871 | Local Caucasian | | | | | |
| | 3.56 | 8.48 | | 1.98 | 1.39 | 3.61 |
| | 2.36 | 3.24 | | 10.61 | 1.52 | 1.61 |
| 4PI | 2.01 | 5.19 | 4.03 | | | 5.95 |
| | 1.39 | 2.34 | 2.42 | | 1.38 | 1.87 |
| | 2.36 | | | | | |
| ELK4CH-5871 | NIST-STRBASE | | | | | |
| | 4.2992 | 13.6239 | 1.4556 | 2.0990 | 1.4044 | |
| | 2.4390 | 2.9832 | 2.5419 | 22.5225 | 1.5360 | 1.5903 |
| 4PI | 2.8653 | 6.3897 | 5.0864 | 40.0000 | | 6.1199 |
| | 1.5101 | 2.1486 | 2.5075 | | 1.5101 | 1.9051 |
| | 2.4727 | | | | | |
| EMWFET-5871 | NIST-STRBASE | | | | | |
| | 4.2992 | 13.624 | 1.4556 | 2.0991 | 1.4045 | |
| | 2.4390 | 2.9833 | 2.5419 | 22.523 | 1.5361 | 1.5903 |
| 4PI | 2.8653 | 6.3898 | 5.0865 | 40.000 | | 6.1200 |
| | 1.5101 | | | 8.5911 | 1.5101 | 1.9051 |
| | 2.4728 | | | | | |
| EQBDMF-5876 | NIST-STRBASE | | | | | |
| | 4.299 | 13.624 | 1.456 | 2.099 | 1.404 | 4.246 |
| | 2.439 | 2.983 | 2.542 | 22.522 | 1.536 | 1.590330789 |
| 4PI | 2.865 | 6.390 | 5.086 | 40 | | 6.120 |
| | 1.510 | 2.149 | 2.508 | | 1.510 | 1.905 |
| | 2.473 | | | | | |

TABLE 2

| WebCode-Test | Population Database(s) | | | | | |
|--------------|------------------------|---------|----------|----------|------------|---------|
| | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| Item | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | | | | | |

Item 4PI - Paternity Index Results

| | | | | | | | |
|-------------|--------------|--------|--------|--------|--------|--------|--------|
| FLV6YG-5871 | FBI PopStats | 4.2088 | 14.970 | 1.6160 | 2.1487 | 1.2243 | |
| | | 2.4631 | 3.5436 | 2.8852 | 11.876 | 1.6031 | 1.6289 |
| 4PI | | 2.3764 | 6.9638 | 4.9261 | 40.323 | | 6.9638 |
| | | 1.4966 | | | 11.876 | 1.4229 | 1.8282 |
| | | 2.2957 | | | | | |
| GYP4PB-5876 | NIST-STRBASE | 4.298 | 13.623 | 1.456 | 2.099 | 1.405 | |
| | | 2.439 | 2.983 | 2.542 | 22.563 | 1.536 | 1.590 |
| 4PI | | 2.865 | 6.389 | 5.085 | 40.111 | | 6.119 |
| | | 1.510 | | | 8.595 | 1.510 | 1.905 |
| | | 2.473 | | | | | |
| HEP84A-5871 | FBI PopStats | 4.2 | 13 | 1.4 | 2.0 | 1.4 | |
| | | 2.4 | 2.9 | 2.5 | 22 | 1.5 | 1.5 |
| 4PI | | 2.8 | 6.3 | 5.0 | 40 | | 6.1 |
| | | 1.5 | 2.1 | 2.5 | 8.5 | 1.5 | 1.9 |
| HW6G4A-5871 | FBI PopStats | 4.2 | 13 | 1.4 | 2.0 | 1.4 | |
| | | 2.4 | 2.9 | 2.5 | 22 | 1.5 | 1.5 |
| 4PI | | 2.8 | 6.3 | 5.0 | 40 | | 6.1 |
| | | 1.5 | 2.1 | 2.5 | 8.5 | 1.5 | 1.9 |
| HZ7P9K-5871 | NIST-STRBASE | 4.29 | 13.62 | | 2.09 | 1.40 | 4.24 |
| | | 2.43 | 2.98 | | 22.56 | 1.53 | 1.59 |
| 4PI | | 2.86 | 6.38 | 5.08 | | | 6.11 |
| | | 1.51 | 2.14 | 2.50 | | 1.51 | 1.90 |
| | | 2.47 | | | | | |
| JAAZFA-5871 | NIST-STRBASE | 4.30 | 13.62 | 1.46 | 2.10 | 1.40 | |
| | | 2.44 | 2.98 | 2.54 | 22.52 | 1.54 | 1.59 |
| 4PI | | 2.87 | 6.39 | 5.09 | 40.00 | | 6.12 |
| | | 1.51 | 2.15 | 2.51 | 8.59 | 1.51 | 1.91 |
| | | 2.47 | | | | | |
| JH63GL-5876 | NIST-STRBASE | 4.2992 | 13.624 | 1.4556 | 2.0991 | 1.4045 | |
| | | 2.4390 | 2.9833 | 2.5419 | 22.523 | 1.5361 | 1.5903 |
| 4PI | | 2.8653 | 6.3898 | 5.0865 | 40.000 | | 6.1200 |
| | | 1.5101 | | | 8.5911 | 1.5101 | 1.9051 |
| | | 2.4728 | | | | | |

TABLE 2

| WebCode-Test | Population Database(s) | | | | | |
|--------------|------------------------|---------|----------|----------|------------|---------|
| | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| Item | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | | | | | |

Item 4PI - Paternity Index Results

| | | | | | | |
|-------------|--------------|-------------|-------------|-------------|-------------|-------------|
| JJWX7E-5876 | NIST-STRBASE | | | | | |
| | 5.7877 | 14.1918 | | | 1.5841 | 4.6667 |
| | 2.1317 | | 2.4844 | | | 1.8239 |
| 4PI | 2.6228 | 8.4918 | | | | 7.6176 |
| | 1.6497 | | | 6.9067 | 1.5556 | 2.1451 |
| | 2.7775 | | | | | |
| JVU29N-5871 | FBI PopStats | | | | | |
| | 4.2088 | 14.970 | 1.6160 | 2.1487 | 1.2243 | |
| | 2.4631 | 3.5436 | 2.8852 | 11.876 | 1.6031 | 1.6289 |
| 4PI | 2.3764 | 6.9638 | 4.9261 | 40.323 | | 6.9638 |
| | 1.4966 | | | 11.876 | 1.4229 | 1.8282 |
| | 2.2957 | | | | | |
| K3ZHV3-5871 | NIST-STRBASE | | | | | |
| | 4.297619048 | 13.62264151 | 2.074712644 | 2.098837209 | 1.404669261 | |
| | 2.439189189 | 2.983471074 | 2.542253521 | 22.5625 | 1.536170213 | 1.59030837 |
| 4PI | 2.865079365 | 6.389380531 | 5.084507042 | 40.11111111 | | 6.118644068 |
| | 1.510460251 | | | 8.595238095 | 1.510460251 | 1.905013193 |
| | 2.47260274 | | | | | |
| K9UZVK-5871 | FBI PopStats | | | | | |
| | 4.2088 | 14.970 | 1.6160 | 2.1487 | 1.2243 | |
| | 2.4631 | 3.5436 | 2.8852 | 11.876 | 1.6031 | 1.6289 |
| 4PI | 2.3764 | 6.9638 | 4.9261 | 40.323 | | 6.9638 |
| | 1.4966 | 2.3764 | 3.1566 | 11.876 | 1.4229 | 1.8282 |
| | 2.2957 | | | | | |
| KDPUTL-5871 | FBI PopStats | | | | | |
| | 4.2088 | 14.970 | 1.6160 | 2.1487 | 1.2243 | |
| | 2.4631 | 3.5436 | 2.8852 | 11.876 | 1.6031 | 1.6289 |
| 4PI | 2.3764 | 6.9638 | 4.9261 | 40.323 | | 6.9638 |
| | 1.4966 | | | 11.876 | 1.4229 | 1.8282 |
| | 2.2957 | | | | | |
| LPGZ3A-5871 | NIST-STRBASE | | | | | |
| | 4.29762 | 13.62264 | 1.45565 | 2.09884 | 1.40467 | |
| | 2.43919 | 2.98347 | 2.54225 | 22.56250 | 1.53617 | 1.59031 |
| 4PI | 2.86508 | 6.38938 | 5.08451 | 40.11111 | | 6.11864 |
| | 1.51046 | | | 8.59524 | 1.51046 | 1.90501 |
| | 2.47260 | | | | | |
| LX8L7M-5871 | NIST-STRBASE | | | | | |
| | 4.2992 | 13.624 | 1.4556 | 2.0991 | 1.4045 | |
| | 2.4390 | 2.9833 | 2.5419 | | 1.5361 | 1.5903 |
| 4PI | 2.8653 | 6.3898 | 5.0865 | 40.000 | | 6.1200 |
| | 1.5101 | | | 8.5911 | 1.5101 | 1.9051 |
| | 2.4728 | | | | | |

TABLE 2

| WebCode-Test | Population Database(s) | | | | | |
|--------------|------------------------|---------|----------|----------|------------|---------|
| | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| Item | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | | | | | |

Item 4PI - Paternity Index Results

| | | | | | | |
|-------------|---|--------|---------|--------|---------|--------|
| M26LKB-5876 | NIST-STRBASE | | | | | |
| | | 4.2992 | 13.6240 | 1.4556 | 2.0991 | 1.4045 |
| | | 2.4390 | 2.9833 | 2.5419 | 22.5225 | 1.5361 |
| 4PI | | 2.8653 | 6.3898 | 5.0865 | 40.0000 | 6.1200 |
| | | 1.5101 | 2.1487 | 2.5075 | 8.5911 | 1.5101 |
| | | 2.4728 | | | | |
| M3KHDA-5876 | NIST-STRBASE, Lab specific database for those STR markers not found in NIST | | | | | |
| | | 4.2976 | 13.6226 | 1.4556 | 2.0988 | 1.4047 |
| | | 2.4392 | 2.9835 | 2.5423 | 22.5625 | 1.5362 |
| 4PI | | 2.8651 | 6.3894 | 5.0845 | 40.1111 | 6.1186 |
| | | 1.5105 | 2.1488 | 2.5069 | 8.5952 | 1.5105 |
| | | 2.4726 | | | | |
| MC8JTJ-5871 | FBI PopStats | | | | | |
| | | 4.2088 | 14.970 | 1.6160 | 2.1487 | 1.2243 |
| | | 2.4631 | 3.5436 | 2.8852 | 11.876 | 1.6031 |
| 4PI | | 2.3764 | 6.9638 | 4.9261 | 40.323 | 6.9638 |
| | | 1.4966 | | | 11.876 | 1.4229 |
| | | 2.2957 | | | | |
| MJKVLB-5871 | NIST-STRBASE | | | | | |
| | | 4.2992 | 13.6239 | 1.4556 | 2.0990 | 1.4044 |
| | | 2.4390 | 2.9832 | 2.5419 | 22.5225 | 1.5360 |
| 4PI | | 2.8653 | 6.3897 | 5.0864 | 40.000 | 6.1199 |
| | | 1.5101 | 2.1486 | 2.5075 | | 1.5101 |
| | | 2.4727 | | | | |
| MRD473-5871 | laboratory specific database | | | | | |
| | | 3.48 | 12.18 | 1.60 | 1.93 | 1.62 |
| | | 2.53 | 3.21 | 2.31 | 14.88 | 1.41 |
| 4PI | | 2.51 | 6.54 | 6.14 | 29.24 | 8.87 |
| | | 1.63 | | | 11.66 | 1.47 |
| | | 2.12 | | | | |
| MVQBF4-5876 | NACIONAL | | | | | |
| | | 7.14 | 10 | 1.66 | 1.66 | 1.06 |
| | | 1.31 | 3.84 | 2.38 | 16.66 | 1.92 |
| 4PI | | 2.0 | 5.88 | 3.84 | 50 | 7.14 |
| | | 1.57 | 2.77 | 5.59 | | 1.02 |
| | | 2.77 | | | | |
| N633X6-5871 | FBI PopStats | | | | | |
| | | 4.2 | 13 | 1.4 | 2.0 | 1.4 |
| | | 2.4 | 2.9 | 2.5 | 22 | 1.5 |
| 4PI | | 2.8 | 6.3 | 5.0 | 40 | 6.1 |
| | | 1.5 | 2.1 | 2.5 | 8.5 | 1.5 |
| | | | | | | |

TABLE 2

| WebCode-Test | Population Database(s) | | | | | |
|--------------|------------------------|---------|----------|----------|------------|---------|
| | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| Item | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | | | | | |

Item 4PI - Paternity Index Results

| | | | | | | | |
|-------------|--|------------------------------|-------------|-------------|-------------|-------------|-------------|
| NADDND-5871 | | NIST-STRBASE | | | | | |
| | | 4.2992 | 13.6240 | | 2.0991 | 1.4045 | 4.2230 |
| | | 2.4390 | 2.9833 | | 22.5225 | 1.5361 | 1.5903 |
| 4PI | | 2.8653 | 6.3898 | 5.0865 | | | 6.1200 |
| | | 1.5101 | 2.1487 | 2.5075 | | 1.5101 | 1.9051 |
| | | 2.4728 | | | | | |
| NHRYWG-5871 | | FBI PopStats | | | | | |
| | | 4.2088 | 14.970 | 1.6160 | 2.1487 | 1.2243 | |
| | | 2.4631 | 3.5436 | 2.8852 | 11.876 | 1.6031 | 1.6289 |
| 4PI | | 2.3764 | 6.9638 | 4.9261 | 40.323 | | 6.9638 |
| | | 1.4966 | | | 11.876 | 1.4229 | 1.8282 |
| NJ32K2-5876 | | in house database | | | | | |
| | | 4.032882012 | 11.94842407 | 1.457023061 | 2.068452381 | 1.420299728 | 3.971698113 |
| | | 2.596513076 | 3.135338346 | 2.545787546 | 13.36538462 | 1.686893204 | 1.706917724 |
| 4PI | | 2.482142857 | 5.465268676 | 6.415384615 | 37.23214286 | | 7.808988764 |
| | | 1.591603053 | 2.15392562 | 2.527272727 | | 1.558295964 | 1.84676705 |
| | | 2.5030012 | | | | | |
| NNXVH3-5871 | | NIST-STRBASE | | | | | |
| | | 4.29 | 13.6 | 1.45 | 2.09 | 1.40 | |
| | | 2.43 | 2.98 | 2.54 | 22.5 | 1.53 | 1.59 |
| 4PI | | 2.86 | 6.38 | 5.08 | 40.0 | | 6.11 |
| | | 1.51 | | | 8.59 | 1.51 | 1.90 |
| | | 2.47 | | | | | |
| NYCPWG-5871 | | FBI PopStats | | | | | |
| | | 4.2088 | 14.970 | 1.6160 | 2.1487 | 1.2243 | |
| | | 2.4631 | 3.5436 | 2.8852 | 11.876 | 1.6031 | 1.6289 |
| 4PI | | 2.3764 | 6.9638 | 4.9261 | 40.323 | | 6.9638 |
| | | 1.4966 | | | 11.876 | 1.4229 | 1.8282 |
| | | 2.2957 | | | | | |
| PDQDK6-5871 | | FBI PopStats | | | | | |
| | | 4.2088 | 14.970 | 1.6160 | 2.1487 | 1.2243 | |
| | | 2.4631 | 3.5436 | 2.8852 | 11.876 | 1.6031 | 1.6289 |
| 4PI | | 2.3764 | 6.9638 | 4.9261 | 40.323 | | 6.9638 |
| | | 1.4966 | | | 11.876 | 1.4229 | 1.8282 |
| | | 2.2957 | | | | | |
| PY4UD3-5876 | | LABORATORY SPECIFIC DATABASE | | | | | |
| | | 4.8076 | 11.4025 | 1.6949 | 2.1413 | 1.5290 | |
| | | 2.3838 | 2.8441 | 2.2935 | 17.2413 | 1.3368 | 1.5499 |
| 4PI | | 2.9568 | 4.9407 | 5.7273 | 21.,7391 | | 7.8125 |
| | | 1.5413 | 2.1459 | 3.3783 | 9.5238 | 1.5465 | 1.8443 |
| | | 2.2583 | | | | | |

TABLE 2

| WebCode-Test | Population Database(s) | | | | | |
|--------------|------------------------|---------|----------|----------|------------|---------|
| | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| Item | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | | | | | |

Item 4PI - Paternity Index Results

| | | | | | | |
|-------------|--------------|--------|--------|---------|--------|--------|
| QCUG9F-5871 | NIST-STRBASE | | | | | |
| | 4.2992 | 13.624 | 1.4556 | 2.0991 | 1.4045 | |
| | 2.4390 | 2.9833 | 2.5419 | 22.523 | 1.5361 | 1.5903 |
| 4PI | 2.8653 | 6.3898 | 5.0865 | 40.000 | | 6.1200 |
| | 1.5101 | | | 8.5911 | 1.5101 | 1.9051 |
| | 2.4728 | | | | | |
| RAKQLX-5876 | FBI PopStats | | | | | |
| | 4.2088 | 14.970 | 1.6160 | 2.1487 | 1.2243 | |
| | 2.4631 | 3.5436 | 2.8852 | 11.876 | 1.6031 | 1.6289 |
| 4PI | 2.3764 | 6.9638 | 4.9261 | 40.323 | | 6.9638 |
| | 1.4966 | | | | 1.4229 | 1.8282 |
| | 2.2957 | | | | | |
| RG4WH4-5871 | FBI PopStats | | | | | |
| | 4.2088 | 14.970 | 1.6160 | 2.1487 | 1.2243 | |
| | 2.4631 | 3.5436 | 2.8852 | 11.876 | 1.6031 | 1.6289 |
| 4PI | 2.3764 | 6.9638 | 4.9261 | 40.323 | | 6.9638 |
| | 1.4966 | | | 11.876 | 1.4229 | 1.8282 |
| | 2.2957 | | | | | |
| T2682X-5871 | NIST-STRBASE | | | | | |
| | 4.29 | 13.6 | 1.45 | 2.09 | 1.40 | |
| | 2.43 | 2.98 | 2.54 | 22.5 | 1.53 | 1.59 |
| 4PI | 2.86 | 6.38 | 5.08 | 40.0 | | 6.11 |
| | 1.51 | | | 8.59 | 1.51 | 1.90 |
| | 2.47 | | | | | |
| TAEY7L-5871 | NIST-STRBASE | | | | | |
| | 4.299 | 13.63 | 1.456 | 2.099 | 1.405 | 4.247 |
| | 2.439 | 2.983 | 2.542 | 22.53 | 1.536 | 1.590 |
| 4PI | 2.866 | 6.388 | 5.086 | 40 | | 6.120 |
| | 1.510 | 2.149 | 2.508 | | 1.510 | 1.905 |
| | 2.473 | | | | | |
| TEAQDX-5871 | FBI PopStats | | | | | |
| | 4.2 | 13 | 1.4 | 2.0 | 1.4 | |
| | 2.4 | 2.9 | 2.5 | 22 | 1.5 | 1.5 |
| 4PI | 2.8 | 6.3 | 5.0 | 40 | | 6.1 |
| | 1.5 | 2.1 | 2.5 | 8.5 | 1.5 | 1.9 |
| | | | | | | |
| TJN9UE-5876 | NIST-STRBASE | | | | | |
| | 4.12 | 11.1 | 1.47 | 2.10 | 1.42 | |
| | 2.42 | 2.93 | 2.52 | omitted | 1.46 | 1.56 |
| 4PI | 2.54 | 5.89 | 4.39 | 22.9 | | 5.66 |
| | 1.44 | | | 7.62 | 1.44 | 1.91 |
| | 2.45 | | | | | |

TABLE 2

| WebCode-Test | Population Database(s) | | | | | |
|--------------|------------------------|---------|----------|----------|------------|---------|
| | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| Item | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | | | | | |

Item 4PI - Paternity Index Results

| | | | | | | |
|-------------|---------------------------------|-------------|-------------|-------------|-------------|-------------|
| VAA29V-5876 | [Location Identifying Database] | | | | | |
| | | 15.87 | | 2.19 | 1.27 | |
| | 2.77 | 3.56 | | | 1.68 | 1.61 |
| 4PI | 2.36 | 6.35 | 5.29 | | | 6.84 |
| | 1.56 | | | | 1.56 | 1.88 |
| | 2.22 | | | | | |
| VL3HXW-5876 | NIST-STRBASE | | | | | |
| | 2.1488 | 6.8113 | 1.7652 | 1.0494 | 0.7023 | |
| | 1.2196 | 2.2501 | 1.2711 | 11.2813 | 1.5362 | 1.5903 |
| 4PI | 1.8608 | 3.1947 | 5.0845 | 20.0556 | | 3.0593 |
| | 1.6409 | 1.0744 | | 7.7688 | 1.0618 | 0.9525 |
| | 1.2363 | | | | | |
| WKQ6UZ-5871 | FBI PopStats, NIST/Promega | | | | | |
| | 4.51 | 17.9 | 1.50 | 2.13 | 1.21 | -- |
| | 2.44 | 3.39 | 2.54 | 20.9 | 1.55 | 1.62 |
| 4PI | 2.34 | 7.26 | 4.79 | 38.4 | | 6.78 |
| | 1.49 | 2.08 | 2.43 | -- | 1.40 | 1.83 |
| | 2.23 | | | | | |
| WTGN89-5871 | FBI PopStats | | | | | |
| | 4.2088 | 14.970 | 1.6160 | 2.1487 | 1.2243 | |
| | 2.4631 | 3.5436 | 2.8852 | 11.876 | 1.6031 | 1.6289 |
| 4PI | 2.3764 | 6.9638 | 4.9261 | 40.323 | | 6.9638 |
| | 1.4966 | | | 11.876 | 1.4229 | 1.8282 |
| XHWYNU-5871 | FBI PopStats | | | | | |
| | 4.2 | 13 | 1.4 | 2.0 | 1.4 | |
| | 2.4 | 2.9 | 2.5 | 22 | 1.5 | 1.5 |
| 4PI | 2.8 | 6.3 | 5.0 | 40 | | 6.1 |
| | 1.5 | 2.1 | 2.5 | 8.5 | 1.5 | 1.9 |
| XNKLJY-5876 | NIST-STRBASE | | | | | |
| | 4.298 | 13.623 | 1.456 | 2.099 | 1.405 | -- |
| | 2.439 | 2.983 | 2.542 | 22.563 | 1.536 | 1.590 |
| 4PI | 2.865 | 6.389 | 5.085 | 40.111 | | 6.119 |
| | 1.510 | 2.149 | 2.507 | -- | 1.510 | 1.905 |
| | 2.473 | | | | | |
| YFXAJT-5871 | NIST-STRBASE | | | | | |
| | 4.297619048 | 13.62264151 | 2.074712644 | 2.098837209 | 1.404669261 | |
| | 2.439189189 | 2.983471074 | 2.542253521 | 22.5625 | 1.536170213 | 1.59030837 |
| 4PI | 2.865079365 | 6.389380531 | 5.084507042 | 40.11111111 | | 6.118644068 |
| | 1.510460251 | | | 8.595238095 | 1.510460251 | 1.905013193 |
| | 2.47260274 | | | | | |

TABLE 2

| WebCode-Test | Population Database(s) | | | | | |
|--------------|------------------------|---------|----------|----------|------------|---------|
| | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| Item | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| | vWA | | | | | |

Item 4PI - Paternity Index Results

| YQ7M2T-5871 | FBI PopStats | | | | | |
|-------------|--------------|-----|-----|-----|-----|-----|
| | 4.2 | 13 | 1.4 | 2.0 | 1.4 | |
| | 2.4 | 2.9 | 2.5 | 22 | 1.5 | 1.5 |
| 4PI | 2.8 | 6.3 | 5.0 | 40 | | 6.1 |
| | 1.5 | 2.1 | 2.5 | 8.5 | 1.5 | 1.9 |

| Z47LPP-5876 | FBI PopStats | | | | | |
|-------------|--------------|--------|--------|--------|--------|--------|
| | 4.2088 | 14.970 | 1.6160 | 2.1487 | 1.2243 | |
| | 2.4631 | 3.5436 | 2.8852 | 11.876 | 1.6031 | 1.6289 |
| 4PI | 2.3764 | 6.9638 | 4.9261 | 40.323 | | 6.9638 |
| | 1.4966 | | | | 1.4229 | 1.8282 |
| | 2.2957 | | | | | |

| ZJNEDV-5876 | Caucasian | | | | | |
|-------------|-----------|-------|------|------|------|-------|
| | | 13.60 | | 1.92 | 1.62 | |
| | 2.07 | 4.19 | | | 1.50 | 1.64 |
| 4PI | 2.52 | 6.67 | 4.67 | | | 13.60 |
| | 1.49 | | | | 1.17 | 1.95 |
| | 2.34 | | | | | |

| ZYCRP3-5871 | [Location Identifying Database] | | | | | |
|-------------|---------------------------------|-------|------|-------|------|------|
| | 4.50 | 10.15 | 1.49 | 1.96 | 1.39 | |
| | 2.26 | 3.74 | 2.58 | 18.86 | 1.62 | 1.67 |
| 4PI | 2.65 | 6.14 | 5.39 | 35.20 | | 6.58 |
| | 1.59 | | | 9.96 | 1.38 | 1.87 |
| | 2.60 | | | | | |

YSTR Amplification Kit(s) & Results

TABLE 3

| WebCode-Test | Amplification Kit | | | | | | | | |
|------------------------------|-------------------|--------|--------|----------|-----------|--------|--------|--------|-----------|
| | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| Item | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | Y GATA H4 |
| Item 2 - YSTR Results | | | | | | | | | |
| 338GMR-5871 | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 | 12 | 12 | 19 | | 12 | 17 | | 22 |
| | | 12 | 12 | 17 | 19 | | 23 | 10 | 12 |
| 38J7MN-5871 | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| 3V3HB3-5871 | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| 4EGGVQ-5871 | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 | 12 | 12 | 19 | | 12 | 17 | | 22 |
| | | 12 | 12 | 17 | 19 | | 23 | 10 | 12 |
| 4MZHYN-5871 | Yfiler® | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 | 12 | 12 | 19 | | - | 17 | | |
| | | | | | | | 23 | | 12 |
| 4QPZUL-5871 | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 | 12 | 12 | 19 | | 12 | 17 | | 22 |
| | | 12 | 12 | 17 | 19 | | 23 | 10 | 12 |
| 4ZGH9U-5871 | PowerPlex® Y | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 11 | 13 |
| 2 | 15 | 12 | 12 | 19 | | 12 | 17 | | 22 |
| | | 12 | 12 | 17 | 19 | | 23 | 10 | 12 |
| 7AFVGT-5871 | Yfiler® | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 | 12 | 12 | 19 | | 12 | 17 | | |
| | | | | | | | 23 | | 12 |
| 83QUEL-5876 | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |

TABLE 3

| WebCode-Test | | Amplification Kit | | | | | | | |
|------------------------------|------------------------|-------------------|--------|----------|-----------|--------|--------|--------|-----------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | Y GATA H4 |
| Item 2 - YSTR Results | | | | | | | | | |
| 9MNEEJ-5871 | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 | 12 | 12 | 19 | | 12 | 17 | | 22 |
| | | 12 | 12 | 17 | 19 | | 23 | 10 | 12 |
| 9NQFRW-5871 | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| A69XYN-5871 | PowerPlex® Y 23 System | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 | 12 | 12 | 19 | | 12 | 17 | | 22 |
| | | 12 | 12 | 17 | 19 | | 23 | 10 | 12 |
| AGZHFE-5871 | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| B92L4H-5871 | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 | 12 | 12 | 19 | | 12 | 17 | | 22 |
| | | 12 | 12 | 17 | 19 | | 23 | 10 | 12 |
| CC2QKM-5871 | Yfiler® | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 | 12 | 12 | 19 | | 12 | 17 | | |
| | | | | | | | 23 | | 12 |
| DTMQQC-5871 | Yfiler® | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 | 12 | 12 | 19 | | 12 | 17 | | |
| | | | | | | | 23 | | 12 |
| ECQVRQ-5871 | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| ELK4CH-5871 | Yfiler® | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 | 12 | 12 | 19 | | 12 | 17 | | |
| | | | | | | | 23 | | 12 |
| EQBDMF-5876 | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |

TABLE 3

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

Item 2 - YSTR Results

| | | | | | | | | | |
|-------------|----------------------------|----|-------|----|----|----|----|----|----|
| GNXMAG-5876 | | | | | | | | | 11 |
| 2 | | | | | | | | | |
| | | | | 17 | 19 | | | | |
| GYD4PB-5876 | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 12 12 19 27 12 17 10 22 | | | | | | | | |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| HZ7P9K-5871 | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 12 12 19 27 12 17 10 22 | | | | | | | | |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| JAAZFA-5871 | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 12 12 19 27 12 17 10 22 | | | | | | | | |
| | | 12 | 12 | 17 | 19 | | 23 | 10 | 12 |
| M26LKB-5876 | Yfiler® | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 12 12 19 27 12 17 10 22 | | | | | | | | |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| M3KHDA-5876 | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 12 12 19 27 12 17 10 22 | | | | | | | | |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| MC8JTJ-5871 | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 12 12 19 27 12 17 10 22 | | | | | | | | |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| MJKVLB-5871 | Yfiler® | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 12 12 19 27 12 17 10 22 | | | | | | | | |
| | | | | | | | 23 | | 12 |
| MRD473-5871 | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 12 12 19 27 12 17 10 22 | | | | | | | | |
| | 39 | 12 | / | 17 | 19 | 21 | 23 | / | 12 |
| MVQBF4-5876 | Yfiler® PLUS | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 2 | 15 12 12 19 27 12 17 10 22 | | | | | | | | |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |

TABLE 3

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

Item 2 - YSTR Results

| | | | | | | | | | | |
|-------------|-------|-----------------|-------|----|----|----|----|----|----|--|
| NHRYWG-5871 | | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 | |
| 2 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 | |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 | |
| NYCPWG-5871 | | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 | |
| 2 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 | |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 | |
| PY4UD3-5876 | | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 | |
| 2 | 15 | 12 | 12 | 19 | | 12 | 17 | | 22 | |
| | | 12 | 12 | 17 | 19 | | 23 | 10 | 12 | |
| TAEY7L-5871 | | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 | |
| 2 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 | |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 | |
| VL3HXW-5876 | | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 | |
| 2 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 | |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 | |
| WTGN89-5871 | | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 | |
| 2 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 | |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 | |

TABLE 3

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

Item 3 - YSTR Results

| | | | | | | | | | |
|-------------|----|-----------------|-------|----|----|----|----|----|----|
| 338GMR-5871 | | PowerPlex® Y 23 | | | | | | | |
| | - | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | - | 15 | 16 | - | 22 |
| | - | 12 | 13 | 20 | 19 | - | 23 | 10 | 12 |
| 38J7MN-5871 | | Yfiler® Plus | | | | | | | |
| | 35 | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | 30 | 15 | 16 | 11 | 22 |
| | 40 | 12 | | 20 | 19 | 20 | 23 | | 12 |
| 3V3HB3-5871 | | Yfiler® Plus | | | | | | | |
| | 35 | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | 30 | 15 | 16 | 11 | 22 |
| | 40 | 12 | | 20 | 19 | 20 | 23 | | 12 |
| 4EGGVQ-5871 | | PowerPlex® Y 23 | | | | | | | |
| | | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | | 15 | 16 | | 22 |
| | | 12 | 13 | 20 | 19 | | 23 | 10 | 12 |
| 4MZHYN-5871 | | Yfiler® | | | | | | | |
| | | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | | 15 | 16 | | |
| | | | | | | | 23 | | 12 |
| 4QPZUL-5871 | | PowerPlex® Y 23 | | | | | | | |
| | | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | | 15 | 16 | | 22 |
| | | 12 | 13 | 20 | 19 | | 23 | 10 | 12 |
| 4ZGH9U-5871 | | PowerPlex® Y | | | | | | | |
| | | 14 | 11,14 | 13 | 30 | 24 | 11 | 11 | 12 |
| 3 | 15 | 12 | 12 | 19 | | 15 | 16 | | 22 |
| | | 12 | 13 | 20 | 19 | | 23 | 10 | 12 |
| 7AFVGT-5871 | | Yfiler® | | | | | | | |
| | | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | | 15 | 16 | | |
| | | | | | | | 23 | | 12 |
| 83QUEL-5876 | | Yfiler® Plus | | | | | | | |
| | 35 | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | 30 | 15 | 16 | 11 | 22 |
| | 40 | 12 | | 20 | 19 | 20 | 23 | | 12 |
| 9MNEEJ-5871 | | PowerPlex® Y 23 | | | | | | | |
| | | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | | 15 | 16 | | 22 |
| | | 12 | 13 | 20 | 19 | | 23 | 10 | 12 |

TABLE 3

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

Item 3 - YSTR Results

| | | | | | | | | | |
|-------------|------------------------|----|-------|----|----|----|----|----|----|
| 9NQFRW-5871 | Yfiler® Plus | | | | | | | | |
| | 35 | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | 30 | 15 | 16 | 11 | 22 |
| | 40 | 12 | | 20 | 19 | 20 | 23 | | 12 |
| A69XYN-5871 | PowerPlex® Y 23 System | | | | | | | | |
| | | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | | 15 | 16 | | 22 |
| | | 12 | 13 | 20 | 19 | | 23 | 10 | 12 |
| AGZHFE-5871 | Yfiler® Plus | | | | | | | | |
| | 35,35 | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | 30 | 15 | 16 | 11 | 22 |
| | 40 | 12 | | 20 | 19 | 20 | 23 | | 12 |
| B92L4H-5871 | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | | 15 | 16 | | 22 |
| | | 12 | 13 | 20 | 19 | | 23 | 10 | 12 |
| CC2QKM-5871 | Yfiler® | | | | | | | | |
| | | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | | 15 | 16 | | 22 |
| | | | | | | | 23 | | 12 |
| DTMQQC-5871 | Yfiler® | | | | | | | | |
| | | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | | 15 | 16 | | 22 |
| | | | | | | | 23 | | 12 |
| ECQVRQ-5871 | Yfiler® Plus | | | | | | | | |
| | 35,35 | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | 30 | 15 | 16 | 11 | 22 |
| | 40 | 12 | | 20 | 19 | 20 | 23 | | 12 |
| ELK4CH-5871 | Yfiler® | | | | | | | | |
| | | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | | 15 | 16 | | 22 |
| | | | | | | | 23 | | 12 |
| EQBDMF-5876 | Yfiler® Plus | | | | | | | | |
| | 35 | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | 30 | 15 | 16 | 11 | 22 |
| | 40 | 12 | | 20 | 19 | 20 | 23 | | 12 |
| GYD4PB-5876 | Yfiler® Plus | | | | | | | | |
| | 35,35 | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | 30 | 15 | 16 | 11 | 22 |
| | 40 | 12 | | 20 | 19 | 20 | 23 | | 12 |

TABLE 3

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

Item 3 - YSTR Results

| | | | | | | | | | |
|-------------|-------|-----------------|-------|----|----|----|----|----|----|
| HZ7P9K-5871 | | Yfiler® Plus | | | | | | | |
| | 35,35 | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | 30 | 15 | 16 | 11 | 22 |
| | 40 | 12 | | 20 | 19 | 20 | 23 | | 12 |
| JAAZFA-5871 | | PowerPlex® Y 23 | | | | | | | |
| | | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | | 15 | 16 | | 22 |
| | | 12 | 13 | 20 | 19 | | 23 | 10 | 12 |
| M26LKB-5876 | | Yfiler® | | | | | | | |
| | 35 | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | 30 | 15 | 16 | 11 | 22 |
| | 40 | 12 | | 20 | 19 | 20 | 23 | | 12 |
| M3KHDA-5876 | | Yfiler® Plus | | | | | | | |
| | 35,35 | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | 30 | 15 | 16 | 11 | 22 |
| | 40 | 12 | | 20 | 19 | 20 | 23 | | 12 |
| MC8JTJ-5871 | | Yfiler® Plus | | | | | | | |
| | 35 | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | 30 | 15 | 16 | 11 | 22 |
| | 40 | 12 | | 20 | 19 | 20 | 23 | | 12 |
| MJKVLB-5871 | | Yfiler® | | | | | | | |
| | | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | | 15 | 16 | | |
| | | | | | | | 23 | | 12 |
| MRD473-5871 | | Yfiler® Plus | | | | | | | |
| | 35,35 | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | 30 | 15 | 16 | 11 | 22 |
| | 40 | 12 | / | 20 | 19 | 20 | 23 | / | 12 |
| MVQBF4-5876 | | Yfiler® PLUS | | | | | | | |
| | 35,35 | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | 30 | 15 | 16 | 11 | 22 |
| | 40 | 12 | | 20 | 19 | 20 | 23 | | 12 |
| NHRYWG-5871 | | Yfiler® Plus | | | | | | | |
| | 35 | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | 30 | 15 | 16 | 11 | 22 |
| | 40 | 12 | | 20 | 19 | 20 | 23 | | 12 |
| NYCPWG-5871 | | Yfiler® Plus | | | | | | | |
| | 35,35 | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | 30 | 15 | 16 | 11 | 22 |
| | 40 | 12 | | 20 | 19 | 20 | 23 | | 12 |

TABLE 3

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

Item 3 - YSTR Results

| | | | | | | | | | |
|-------------|-------|-----------------|-------|----|----|----|----|----|----|
| PY4UD3-5876 | | PowerPlex® Y 23 | | | | | | | |
| | | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | | 15 | 16 | | 22 |
| | | 12 | 13 | 20 | 19 | | 23 | 10 | 12 |
| TAEY7L-5871 | | Yfiler® Plus | | | | | | | |
| | 35,35 | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | 30 | 15 | 16 | 11 | 22 |
| | 40 | 12 | | 20 | 19 | 20 | 23 | | 12 |
| VL3HXW-5876 | | Yfiler® Plus | | | | | | | |
| | 35 | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | 30 | 15 | 16 | 11 | 22 |
| | 40 | 12 | | 20 | 19 | 20 | 23 | | 12 |
| WTGN89-5871 | | Yfiler® Plus | | | | | | | |
| | 35 | 14 | 11,14 | 13 | 30 | 24 | 11 | 13 | 12 |
| 3 | 15 | 12 | 12 | 19 | 30 | 15 | 16 | 11 | 22 |
| | 40 | 12 | | 20 | 19 | 20 | 23 | | 12 |

TABLE 3

| WebCode-Test | | Amplification Kit | | | | | | | |
|------------------------------|-----------------|-------------------|--------|----------|-----------|--------|--------|--------|-----------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | Y GATA H4 |
| Item 4 - YSTR Results | | | | | | | | | |
| 338GMR-5871 | PowerPlex® Y | | | | | | | | |
| | - | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | - | 12 | 17 | - | 22 |
| | - | 12 | 12 | 17 | 19 | - | 23 | 10 | 12 |
| 38J7MN-5871 | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| 3V3HB3-5871 | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| 4EGGVQ-5871 | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | | 12 | 17 | | 22 |
| | | 12 | 12 | 17 | 19 | | 23 | 10 | 12 |
| 4MZHYN-5871 | Yfiler® | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | | - | 17 | | |
| | | | | | | | 23 | | 12 |
| 4QPZUL-5871 | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | | 12 | 17 | | 22 |
| | | 12 | 12 | 17 | 19 | | 23 | 10 | 12 |
| 4ZGH9U-5871 | PowerPlex® Y | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 11 | 13 |
| 4 | 15 | 12 | 12 | 19 | | 12 | 17 | | 22 |
| | | 12 | 12 | 17 | 19 | | 23 | 10 | 12 |
| 7AFVGT-5871 | Yfiler® | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | | 12 | 17 | | |
| | | | | | | | 23 | | 12 |
| 83QUEL-5876 | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| 9MNEEJ-5871 | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | | 12 | 17 | | 22 |
| | | 12 | 12 | 17 | 19 | | 23 | 10 | 12 |

TABLE 3

| WebCode-Test | | Amplification Kit | | | | | | | |
|------------------------------|---------------------|-------------------|--------|----------|-----------|--------|--------|--------|-----------|
| Item | DYF387S1 | DYS19 | DYS385 | DYS389-I | DYS389-II | DYS390 | DYS391 | DYS392 | DYS393 |
| | DYS437 | DYS438 | DYS439 | DYS448 | DYS449 | DYS456 | DYS458 | DYS460 | DYS481 |
| | DYS518 | DYS533 | DYS549 | DYS570 | DYS576 | DYS627 | DYS635 | DYS643 | Y GATA H4 |
| Item 4 - YSTR Results | | | | | | | | | |
| 9NQFRW-5871 | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| A69XYN-5871 | PowerPlex® Y system | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | | 12 | 17 | | 22 |
| | | 12 | 12 | 17 | 19 | | 23 | 10 | 12 |
| AGZHFE-5871 | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| B92L4H-5871 | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | | 12 | 17 | | 22 |
| | | 12 | 12 | 17 | 19 | | 23 | 10 | 12 |
| CC2QKM-5871 | Yfiler® | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | | 12 | 17 | | |
| | | | | | | | 23 | | 12 |
| DTMQQC-5871 | Yfiler® | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | | 12 | 17 | | |
| | | | | | | | 23 | | 12 |
| ECQVRQ-5871 | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| ELK4CH-5871 | Yfiler® | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | | 12 | 17 | | |
| | | | | | | | 23 | | 12 |
| EQBDMF-5876 | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| GNXMAG-5876 | | | | | | | | | |
| | | | | | | | 11 | | |
| 4 | | | | | | | | | |
| | | | | 17 | 19 | | | | |

TABLE 3

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

Item 4 - YSTR Results

| | | | | | | | | | |
|-------------|-------|-----------------|-------|----|----|----|----|----|----|
| GYD4PB-5876 | | Yfiler® Plus | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| HZ7P9K-5871 | | Yfiler® Plus | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| JAAZFA-5871 | | PowerPlex® Y 23 | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | | 12 | 17 | | 22 |
| | | 12 | 12 | 17 | 19 | | 23 | 10 | 12 |
| M26LKB-5876 | | Yfiler® | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| M3KHDA-5876 | | Yfiler® Plus | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| MC8JTJ-5871 | | Yfiler® Plus | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| MJKVLB-5871 | | Yfiler® | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | | 12 | 17 | | |
| | | | | | | | 23 | | 12 |
| MRD473-5871 | | Yfiler® Plus | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | / | 17 | 19 | 21 | 23 | / | 12 |
| MVQBF4-5876 | | Yfiler® PLUS | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| NHRYWG-5871 | | Yfiler® Plus | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |

TABLE 3

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

Item 4 - YSTR Results

| | | | | | | | | | |
|-------------|-----------------|----|-------|----|----|----|----|----|----|
| NYCPWG-5871 | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| PY4UD3-5876 | PowerPlex® Y 23 | | | | | | | | |
| | | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | | 12 | 17 | | 22 |
| | | 12 | 12 | 17 | 19 | | 23 | 10 | 12 |
| TAEY7L-5871 | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| VL3HXW-5876 | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |
| WTGN89-5871 | Yfiler® Plus | | | | | | | | |
| | 34,36 | 14 | 12,13 | 13 | 30 | 24 | 11 | 13 | 13 |
| 4 | 15 | 12 | 12 | 19 | 27 | 12 | 17 | 10 | 22 |
| | 39 | 12 | | 17 | 19 | 21 | 23 | | 12 |

Additional DNA & PI Results

TABLE 4

| Locus | WebCode-Test | Item 1 | Item 2 | Item 3 | Item 3 PI | Item 4 | Item 4 PI |
|----------------|--------------|-----------|-----------|---------|--------------|-----------|--------------|
| D10S1435 | M3KHDA-5876 | 13 | 13 | 11,13 | | 12,13 | 1.9905 |
| D10S2325 | 38J7MN-5871 | 8,15 | 8,12 | 9,11 | | 12,14 | |
| | M3KHDA-5876 | 8,15 | 8,12 | 9,11 | | 12,14 | 3.1447 |
| | PY4UD3-5876 | 8,15 | 8,12 | 9,11 | 0 | 12,14 | 2.5906 |
| D11S2368 | M3KHDA-5876 | 19,20 | 20,21 | 19,21 | | 18,21 | 2.3864 |
| D13S325 | M3KHDA-5876 | 20,21 | 19,21 | 21,23 | | 19,20 | 2.1649 |
| D14S1434 | M3KHDA-5876 | 12,13 | 12,13 | 10,13 | | 13,16 | 1.3291 |
| D15S659 | M3KHDA-5876 | 14,16 | 16 | 13 | | 13,16 | 3.1579 |
| D17S1301 | M3KHDA-5876 | 11,13 | 11,12 | 12 | | 12,13 | 1.2500 |
| D18S1364 | M3KHDA-5876 | 15 | 15,17 | 15,16 | | 16,17 | 23.3333 |
| D19S253 | M3KHDA-5876 | 11,13 | 11,13 | 12 | | 11,13 | 3.6052 |
| D20S482 | M3KHDA-5876 | 9,13 | 13,14 | 13,14 | | 14 | 2.2105 |
| D21S2055 | 38J7MN-5871 | 16.1,19.1 | 16.1,19.1 | 19.1,26 | | 16.1,19.1 | |
| | M3KHDA-5876 | 16.1,19.1 | 16.1,19.1 | 19.1,26 | | 16.1,19.1 | 2.8866 |
| | PY4UD3-5876 | 16.1,19.1 | 16.1,19.1 | 19.1,26 | 1.5151 | 16.1,19.1 | 3.0303 |
| D22-GATA198B05 | M3KHDA-5876 | 20,21 | 16,21 | 17,22 | | 16,22 | 4.1584 |
| D2S1360 | 38J7MN-5871 | 22,25 | 22,25 | 22,25 | | 22,25 | |
| | M3KHDA-5876 | 22,25 | 22,25 | 22,25 | | 22,25 | 2.7548 |
| | PY4UD3-5876 | 22,25 | 22,25 | 22,25 | 2.5316 | 22,25 | 2.5316 |
| D3S1744 | 38J7MN-5871 | 17,19 | 17,19 | 18,20 | | 17,19 | |
| | M3KHDA-5876 | 17,19 | 17,19 | 18,20 | | 17,19 | 2.1374 |
| | PY4UD3-5876 | 17,19 | 17,19 | 18,20 | 0 | 17,19 | 2.2271 |
| D3S3045 | M3KHDA-5876 | 13,15 | 12,15 | 11,12 | | 12,13 | 2.9371 |
| D4S2366 | 38J7MN-5871 | 9,13 | 13,14 | 13 | | 9,14 | |
| | M3KHDA-5876 | 9,13 | 13,14 | 13 | | 9,14 | 5.3846 |
| | PY4UD3-5876 | 9,13 | 13,14 | 13,13 | 0 | 9,14 | 6.7567 |
| D5S2500 | 38J7MN-5871 | 11,15 | 11,13 | 11,13 | | 12,13 | |
| | M3KHDA-5876 | 11,15 | 11,13 | 11,13 | | 12,13 | 7.1429 |
| | PY4UD3-5876 | 11,15 | 11,13 | 11,13 | 8.1967 | 12,13 | 8.1967 |
| D5S2800 | M3KHDA-5876 | 14,18 | 17,18 | 17,18 | | 17 | 2.7723 |
| D6S474 | 38J7MN-5871 | 13,14 | 13 | 14,17 | | 13,16 | |
| | M3KHDA-5876 | 13,14 | 13 | 14,17 | | 13,16 | 1.8939 |
| | PY4UD3-5876 | 13,14 | 13,13 | 14,17 | 0 | 13,16 | 2.0325 |
| D6S477 | M3KHDA-5876 | 15,16 | 11,16 | 14,15 | | 10,2,11 | 30.0000 |
| D7S1517 | 38J7MN-5871 | 23,24 | 24,26 | 24,25 | | 22,26 | |
| | M3KHDA-5876 | 23,24 | 24,26 | 24,25 | | 22,26 | 20.0000 |
| | PY4UD3-5876 | 23,24 | 24,26 | 24,25 | 0 | 22,26 | 9.2592 |

TABLE 4

| Locus | WebCode-Test | Item 1 | Item 2 | Item 3 | Item 3 PI | Item 4 | Item 4 PI |
|--------------|---------------------|---------------|---------------|---------------|----------------------|---------------|----------------------|
| D7S3048 | M3KHDA-5876 | 18,22 | 18,24 | 21,23 | | 24 | 6.3636 |
| D8S1132 | 38J7MN-5871 | 19,20 | 19 | 19,20 | | 19,23 | |
| | M3KHDA-5876 | 19,20 | 19 | 19,20 | | 19,23 | 3.3071 |
| | PY4UD3-5876 | 19,20 | 19,19 | 19,20 | 3.2679 | 19,23 | 3.2679 |
| D9S1122 | M3KHDA-5876 | 11 | 11,12 | 11 | | 12 | 2.5767 |
| DYS358A | 4ZGH9U-5871 | | 12 | 11 | | 12 | |
| DYS358B | 4ZGH9U-5871 | | 13 | 14 | | 13 | |
| F13A01 | M3KHDA-5876 | 6,7 | 6 | 6,7 | | 6,7 | 1.4325 |
| | VL3HXW-5876 | 6,7 | 6,6 | 6,7 | 1.4325 | 6,7 | 1.4325 |
| F13B | M3KHDA-5876 | 9 | 9,12 | 6,8 | | 10,12 | 72.2000 |
| | VL3HXW-5876 | 9,9 | 9,12 | 6,8 | | 10,12 | |
| FES/FPS | M3KHDA-5876 | 12 | 10,12 | 11,12 | | 8,10 | 1.7696 |
| FESFPS | VL3HXW-5876 | 12,12 | 10,12 | 11,12 | 1.0618 | 8,10 | 0.8848 |
| LPL | M3KHDA-5876 | 10,13 | 10 | 10,11 | | 10,11 | 1.1836 |
| | VL3HXW-5876 | 10,13 | 10,10 | 10,11 | 1.1836 | 10,11 | 1.1836 |
| PENTA C | M3KHDA-5876 | 11,12 | 12,13 | 11,12 | | 11,13 | 3.5049 |
| | VL3HXW-5876 | 11,12 | 12,13 | 11,12 | 1.1875 | 11,13 | 1.7524 |
| PENTA E | VL3HXW-5876 | 11,12 | 12,12 | 7,17 | | 7,12 | 2.5069 |

Paternity DNA Statistics & Conclusions

TABLE 5

| WebCode-Test | Chosen Biological Father | Combined Paternity Index | Probability of Paternity | Population Database Used |
|--------------|---------------------------|--------------------------|--------------------------|---------------------------------|
| 2FXRVT-5871 | Item 4 - Alleged Father B | > 100 billion | > 99.99% | FBI PopStats |
| 2NAQQ4-5871 | Item 4 - Alleged Father B | | | FBI PopStats |
| 2WZQHP-5871 | Item 4 - Alleged Father B | 770525656484.87 | 0.9999999999 | NIST-STRBASE |
| 338GMR-5871 | Item 4 - Alleged Father B | 2899820445536.16 | 99.9999999996% | NIST-STRBASE |
| 38J7MN-5871 | Item 4 - Alleged Father B | 2.90E+12 | not performed | NIST-STRBASE |
| 3BHJ9T-5871 | Item 4 - Alleged Father B | | | |
| 3V3HB3-5871 | Item 4 - Alleged Father B | 221.4 billion | > 99.99% | FBI PopStats |
| 4EGGVQ-5871 | Item 4 - Alleged Father B | 3,009,215,117,052 | 99.9999999996% | [Location Identifying Database] |
| 4MZHYN-5871 | Item 4 - Alleged Father B | 542,091,353,513 | 99.9999999998% | [Location Identifying Database] |
| 4Q7DV4-5876 | Item 4 - Alleged Father B | 5.1 billion | | NIST-STRBASE |
| 4QPZUL-5871 | Item 4 - Alleged Father B | 5,005,488,107,533.6600 | 99.9999% | FBI PopStats |
| 4ZGH9U-5871 | Item 4 - Alleged Father B | 4024629837.7461 | 99.99 | NIST-STRBASE |
| 6LQ784-5871 | Item 4 - Alleged Father B | 23.9 billion | 99.99999995816 | NIST-STRBASE |
| 6WCAGN-5871 | Item 4 - Alleged Father B | 1.1E12 | >99.99% | FBI PopStats |
| 6YHRFK-5876 | Item 4 - Alleged Father B | 42,800,000,000 | 99.99999997664% | FBI PopStats |
| 6ZBKB4-5871 | Item 4 - Alleged Father B | 23,000,000,000 | 99.99% | FBI PopStats |
| 77WXPW-5871 | Item 4 - Alleged Father B | 9.631E+009 | | NIST-STRBASE |
| 7AFVGT-5871 | Item 4 - Alleged Father B | 337 billion | 99.9% | NIST-STRBASE |
| 7JJ6ML-5871 | Item 4 - Alleged Father B | 770526000000 | 0.9999999999 | NIST-STRBASE |
| 7T74EN-5871 | Item 4 - Alleged Father B | >100 billion | >99.99% | FBI PopStats |

TABLE 5 - Paternity DNA Statistics & Conclusions

| WebCode-Test | Chosen Biological Father | Combined Paternity Index | Probability of Paternity | Population Database Used |
|--------------|---------------------------|--------------------------|--------------------------|---------------------------------|
| 83QUEL-5876 | Item 4 - Alleged Father B | 553 billion | 99.99999999819 | FBI PopStats |
| 886DW3-5871 | Item 4 - Alleged Father B | 23,900,000,000 | 99.99999995816 | NIST-STRBASE |
| 8AQG4Z-5876 | Item 4 - Alleged Father B | 5,100,000,000 | | NIST-STRBASE |
| 8J2JPZ-5876 | Item 4 - Alleged Father B | 320 billion | | NIST-STRBASE |
| 9MNEEJ-5871 | Item 4 - Alleged Father B | 1.2310E+13 | >99.999999999 | NIST-STRBASE |
| 9NQFRW-5871 | Item 4 - Alleged Father B | 221,400,000,000 | >99.99% | FBI PopStats |
| A69XYN-5871 | Item 4 - Alleged Father B | 844359154,995 | 99,999% | NIST-STRBASE |
| AAJMZK-5871 | Item 4 - Alleged Father B | 1.1E12 | >99.99% | FBI PopStats |
| ADJXVK-5871 | Item 4 - Alleged Father B | 5.41E+11 | 99.999999998153 | NIST-STRBASE, NIST-Caucasian |
| AGZHFE-5871 | Item 4 - Alleged Father B | 1 155 392 286 188 | 99.999999999134 | [Location Identifying Database] |
| B92L4H-5871 | Item 4 - Alleged Father B | 1.231346261e+013 | 99.99999999 | NIST-STRBASE |
| CC2QKM-5871 | Item 4 - Alleged Father B | 337 billion | 99.9% | NIST-STRBASE |
| DTMQQC-5871 | Item 4 - Alleged Father B | 321,000,000,000 | 99.99999999688 | FBI PopStats |
| DXFUHV-5871 | Item 4 - Alleged Father B | 5E11 | lab does not report | FBI PopStats |
| ECQVRQ-5871 | Item 4 - Alleged Father B | 720 million | | Local Caucasian |
| ELK4CH-5871 | Item 4 - Alleged Father B | 337 billion | 99.9% | NIST-STRBASE |
| EMWFET-5871 | Item 4 - Alleged Father B | 553,700,000,000 | >99.99% | NIST-STRBASE |
| EQBDMF-5876 | Item 4 - Alleged Father B | 1,433,287,048,239.53 | 99.99999999% | NIST-STRBASE |
| FLV6YG-5871 | Item 4 - Alleged Father B | >100 billion | >99.99% | FBI PopStats |
| GNXMAG-5876 | Item 4 - Alleged Father B | 281,609,820,675 | 99.99% | NIST General population |
| GYD4PB-5876 | Item 4 - Alleged Father B | 5.41E+11 | 99.9999999982% | NIST-STRBASE |

TABLE 5 - Paternity DNA Statistics & Conclusions

| WebCode-Test | Chosen Biological Father | Combined Paternity Index | Probability of Paternity | Population Database Used |
|--------------|---------------------------|--------------------------------------|--------------------------|--|
| HEP84A-5871 | Item 4 - Alleged Father B | 1.1E+12 | >99.99% | FBI PopStats |
| HW6G4A-5871 | Item 4 - Alleged Father B | 1.1E+12 | at least 99.99% | FBI PopStats |
| HZ7P9K-5871 | Item 4 - Alleged Father B | 9.6 billion | | NIST-STRBASE |
| JAAZFA-5871 | Item 4 - Alleged Father B | 2,899,820,445,536 | 99.99% | NIST-STRBASE |
| JH63GL-5876 | Item 4 - Alleged Father B | 538,200,000,000 | 99.99999999814 | NIST-STRBASE |
| JJWX7E-5876 | Item 4 - Alleged Father B | 105,080,598 | 99.99% | NIST-STRBASE |
| JVU29N-5871 | Item 4 - Alleged Father B | 5E11 | lab does not report | FBI PopStats |
| K3ZHV3-5871 | Item 4 - Alleged Father B | 770526000000 | 0.9999999999 | NIST-STRBASE |
| K9UZVK-5871 | Item 4 - Alleged Father B | 3.8120E+12 | >99.9999999999 | FBI PopStats |
| KDPUTL-5871 | Item 4 - Alleged Father B | 200,000,000,000 | 99.99999999954 | FBI PopStats |
| LPGZ3A-5871 | Item 4 - Alleged Father B | 5.41 x 10 ¹¹ | 99.9999% | NIST-STRBASE |
| LX8L7M-5871 | Item 4 - Alleged Father B | 23,900,000,000 | 99.999999995816 | NIST-STRBASE |
| M26LKB-5876 | Item 4 - Alleged Father B | 1.2245 E 13 | 99.9999% | NIST-STRBASE |
| M3KHDA-5876 | Item 4 - Alleged Father B | 1628771026750270000000 0000000.00 | 99.999999999999990 | NIST-STRBASE, Lab specific database for those STR markers not found in NIST |
| MC8JTJ-5871 | Item 4 - Alleged Father B | 508,200,000,000 | 99.99999999803 | FBI PopStats |
| MJKVLB-5871 | Item 4 - Alleged Father B | 337 billion | 99.9% | NIST-STRBASE |
| MNZ4AB-5871 | Item 4 - Alleged Father B | 6900000 | 99.99% | National DNA Statistics Database |
| MRD473-5871 | Item 4 - Alleged Father B | 5.99 E20 | 99.99999999 % | laboratory specific database |
| MVQBF4-5876 | Item 4 - Alleged Father B | 653,045,173,096.97 | 99.99% | NACIONAL |
| N633X6-5871 | Item 4 - Alleged Father B | 1.1E+12 | >99.99% | FBI PopStats |

TABLE 5 - Paternity DNA Statistics & Conclusions

| WebCode-Test | Chosen Biological Father | Combined Paternity Index | Probability of Paternity | Population Database Used |
|--------------|---------------------------|--------------------------|--------------------------|---------------------------------|
| NADDND-5871 | Item 4 - Alleged Father B | 9.631e+009 | | NIST-STRBASE |
| NHRYWG-5871 | Item 4 - Alleged Father B | 221,400,000,000 | >99.99% | FBI PopStats |
| NJ32K2-5876 | Item 4 - Alleged Father B | 1031781106021.91 | 99.99999999903100 | in house database |
| NNXVH3-5871 | Item 4 - Alleged Father B | 217 billion | 99.9% | NIST-STRBASE |
| NYCPWG-5871 | Item 4 - Alleged Father B | 508,200,000,000 | 99.999999998032 | FBI PopStats |
| PDQDK6-5871 | Item 4 - Alleged Father B | >100 billion | >99.99% | FBI PopStats |
| PY4UD3-5876 | Item 4 - Alleged Father B | 2,5E+17 | >99,999999% | LABORATORY SPECIFIC DATABASE |
| QCUG9F-5871 | Item 4 - Alleged Father B | 553,700,000,000 | >99.99% | NIST-STRBASE |
| RAKQLX-5876 | Item 4 - Alleged Father B | 42,800,000,000 | 99.999999997664% | FBI PopStats |
| RG4WH4-5871 | Item 4 - Alleged Father B | >100 billion | >99.99% | FBI PopStats |
| T2682X-5871 | Item 4 - Alleged Father B | 217 billion | 99.9% | NIST-STRBASE |
| TAEY7L-5871 | Item 4 - Alleged Father B | 1.435007838e+012 | >99.99999999 | NIST-STRBASE |
| TEAQDX-5871 | Item 4 - Alleged Father B | 1.1E12 | >99.99% | FBI PopStats |
| TJN9UE-5876 | Item 4 - Alleged Father B | 5.1 Billion | | NIST-STRBASE |
| VAA29V-5876 | Item 4 - Alleged Father B | 6,497,121 | 99.99% | [Location Identifying Database] |
| VL3HXW-5876 | Item 4 - Alleged Father B | 54113168.0053 | 99.9999982 | NIST-STRBASE |
| WKQ6UZ-5871 | Item 4 - Alleged Father B | 31500000000 | 99.99999999% | FBI PopStats, NIST/Promega |
| WTGN89-5871 | Item 4 - Alleged Father B | 221.4 billion | >99.99% | FBI PopStats |
| XHWYNU-5871 | Item 4 - Alleged Father B | 1.1 E12 | >99.99% | FBI PopStats |
| XNKLJY-5876 | Item 4 - Alleged Father B | 338,820,274,603 | 99.999999997 | NIST-STRBASE |
| YFXAJT-5871 | Item 4 - Alleged Father B | 770526000000 | 0.9999999999870 | NIST-STRBASE |

TABLE 5 - Paternity DNA Statistics & Conclusions

| WebCode-Test | Chosen Biological Father | Combined Paternity Index | Probability of Paternity | Population Database Used |
|--------------|---------------------------|--------------------------|--------------------------|---------------------------------|
| YQ7M2T-5871 | Item 4 - Alleged Father B | 1.1E+12 | >99.99% | FBI PopStats |
| Z47LPP-5876 | Item 4 - Alleged Father B | 42,800,000,000 | 99.999999997664 | FBI PopStats |
| ZJNEDV-5876 | Item 4 - Alleged Father B | 7.65e6 | 99.99998 | Caucasian |
| ZYCRP3-5871 | Item 4 - Alleged Father B | 449,954,474,896 | | [Location Identifying Database] |

| Paternity DNA Statistics Response Summary | | Participants: 86 |
|--|---------------------------|------------------|
| <i>Which of the alleged fathers cannot be excluded as the biological parent of Item 2?</i> | | |
| Responses | Item 3 - Alleged Father A | 0 |
| | Item 4 - Alleged Father B | 86 |
| | Inconclusive | 0 |
| | No Response | 0 |

Kinship Likelihood Ratio Results

TABLE 6

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|---------|--------------|-----------|----------------------|------------------|
| D1S1656 | 338GMR-5871 | 1/4p | p=15 | 1.5833 |
| | 38J7MN-5871 | 1/4p | p=15 | 1.5833 |
| | 3V3HB3-5871 | 1/4p | p=15 | 1.5833 |
| | 4EGGVQ-5871 | 0.25/p | p=15 | 1.5833 |
| | 4MZHYN-5871 | 0.25/pa | pa=15 | 1.5833 |
| | 4Q7DV4-5876 | * | * | 1.534 |
| | 4QPZUL-5871 | 1/4q | q=15 | 1.5833 |
| | 83QUEL-5876 | 1/4p | p=15 | 1.5833 |
| | 8AQG4Z-5876 | * | * | 1.534 |
| | 9MNEEJ-5871 | 1/(4p) | p=15 | 1.5833 |
| | 9NQFRW-5871 | 1/4p | p=15 | 1.5833 |
| | ADJXVK-5871 | 0.25/p | 15 | 1.5833 |
| | AGZHFE-5871 | 1/4p | p = 15 | 1.5832 |
| | B92L4H-5871 | 1/4q | q=15 | 1.5833 |
| | ECQVRQ-5871 | 1/4p | p = 15 | 1.583 |
| | EQBDMF-5876 | 1/4p | p = 15 | 1.583 |
| | GYD4PB-5876 | 1/4p | p=15 | 1.583 |
| | HZ7P9K-5871 | 1/4p | p=15 | 1.583280557 |
| | JAAZFA-5871 | 1/4a | a=15 | 1.583 |
| | M26LKB-5876 | 1/4p | p=15 | 1.5833 |
| | M3KHDA-5876 | 0.25/p | p = 15 | 1.5833 |
| | MC8JTJ-5871 | 1/4q | q=15 | 1.5833 |
| | MRD473-5871 | 0.5/(2*A) | A=15 | 1.58328 |
| | NHRYWG-5871 | 1/4p | p = 15 | 1.5833 |
| | NJ32K2-5876 | 0.5p/2pq | p = 11 q = 15 r = 16 | 1.583280557 |
| | NNXVH3-5871 | 1/(4p) | p = 15 | 1.583 |
| | NYCPWG-5871 | 1/4a | a=15 | 1.5833 |
| | PY4UD3-5876 | (1+2p)/8p | p=15 | 1.04164 |
| | T2682X-5871 | 1/4p | p=15 | 1.583 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|--|--------------|---------|-------------------------------|------------------|
| D1S1656 | TAEY7L-5871 | 1/4a | a=15 | 1.583 |
| | TJN9UE-5876 | * | * | 1.534 |
| | VL3HXW-5876 | 1/4q | q=15 | 1.5833 |
| | WKQ6UZ-5871 | 1/4t | t=15 | 1.5833 |
| | WTGN89-5871 | 1/4p | p=15 | 1.5833 |
| Statistical Analysis Summary of D1S1656 | | | Likelihood Ratio Mode: | 1.5833 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|---------|--------------|--------------------|--------------------|------------------|
| D2S1338 | 338GMR-5871 | 1/2p | p=23 | 4.8170 |
| | 38J7MN-5871 | 1/2p | p=23 | 4.8170 |
| | 3V3HB3-5871 | 1/2p | p=23 | 4.8170 |
| | 4EGGVQ-5871 | 0.5/p | p = 23 | 4.8170 |
| | 4MZHYN-5871 | 0.5/p _a | p _a =23 | 4.8170 |
| | 4Q7DV4-5876 | * | * | 4.156 |
| | 4QPZUL-5871 | 1/2q | q=23 | 4.8170 |
| | 83QUEL-5876 | 1/2p | p=23 | 4.8170 |
| | 8AQG4Z-5876 | * | * | 4.156 |
| | 9MNEEJ-5871 | 1/(2p) | p=23 | 4.8170 |
| | 9NQFRW-5871 | 1/2p | p=23 | 4.8170 |
| | ADJXVK-5871 | 0.5/p | 23 | 4.8169 |
| | AGZHFE-5871 | 1/2p | p = 23 | 4.8169 |
| | B92L4H-5871 | 1/2q | q=23 | 4.8170 |
| | ECQVRQ-5871 | 1/2p | p = 23 | 4.817 |
| | EQBDMF-5876 | 1/2p | p = 23 | 4.817 |
| | GVD4PB-5876 | 1/2p | p=23 | 4.817 |
| | HZ7P9K-5871 | 1/2p | p=23 | 4.816955684 |
| | JAAZFA-5871 | 1/2 _a | a=23 | 4.817 |
| | M26LKB-5876 | 1/2p | p=23 | 4.8170 |
| | M3KHDA-5876 | 0.5/p | p = 23 | 4.8170 |
| | MC8JTJ-5871 | 1/2q | q=23 | 4.8170 |
| | MRD473-5871 | 0.5/A | A=23 | 4.81695 |
| | NHRYWG-5871 | 1/2p | p = 23 | 4.8170 |
| | NJ32K2-5876 | p/2pq | p = 20 q = 23 | 4.816955684 |
| | NNXVH3-5871 | 1/(2p) | p = 23 | 4.816 |
| | NYCPWG-5871 | 1/2 _a | a=23 | 4.8170 |
| | PY4UD3-5876 | (1+p)/4p | p=23 | 2.65848 |
| | T2682X-5871 | 1/2p | p=23 | 4.816 |
| | TAEY7L-5871 | 1/2 _a | a=23 | 4.817 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|---------|--------------|---------|---------------|------------------|
| D2S1338 | TJN9UE-5876 | * | * | 4.156 |
| | VL3HXW-5876 | 1/2q | q=23 | 4.8170 |
| | WKQ6UZ-5871 | 1/2s | s=23 | 4.8170 |
| | WTGN89-5871 | 1/2p | p=23 | 4.8170 |

Statistical Analysis Summary of D2S1338

Likelihood Ratio Mode: 4.8170

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|--------|--------------|------------|---------------|------------------|
| D2S441 | 338GMR-5871 | 1/2p | p=11 | 1.3789 |
| | 38J7MN-5871 | 1/2p | p=11 | 1.3789 |
| | 3V3HB3-5871 | 1/2p | p=11 | 1.3789 |
| | 4EGGVQ-5871 | 0.5/p | p = 11 | 1.3789 |
| | 4MZHYN-5871 | 0.5/pa | pa=11 | 1.3790 |
| | 4Q7DV4-5876 | * | * | 1.347 |
| | 4QPZUL-5871 | 1/2p | p=11 | 1.3789 |
| | 83QUEL-5876 | 1/2p | p=11 | 1.3789 |
| | 8AQG4Z-5876 | * | * | 1.347 |
| | 9MNEEJ-5871 | 1/(2p) | p=11 | 1.3789 |
| | 9NQFRW-5871 | 1/2p | p=11 | 1.3789 |
| | ADJXVK-5871 | 0.5/p | 11 | 1.3789 |
| | AGZHFE-5871 | 1/2p | p = 11 | 1.3789 |
| | B92L4H-5871 | 1/2q | q=11 | 1.3789 |
| | ECQVRQ-5871 | 1/2p | p = 11 | 1.379 |
| | EQBDMF-5876 | 1/2p | p = 11 | 1.379 |
| | GVD4PB-5876 | 1/2p | p=11 | 1.379 |
| | HZ7P9K-5871 | 1/2p | p=11 | 1.37892995 |
| | JAAZFA-5871 | 1/2a | a=11 | 1.379 |
| | M26LKB-5876 | 1/2p | p=11 | 1.3789 |
| | M3KHDA-5876 | 0.5/p | p = 11 | 1.3789 |
| | MC8JTJ-5871 | 1/2p | p=11 | 1.3789 |
| | MRD473-5871 | 0.5/A | A=11 | 1.37892 |
| | NHRYWG-5871 | 1/2p | p = 11 | 1.3789 |
| | NJ32K2-5876 | 0.5p/p ^ 2 | p = 11 q = 12 | 1.37892995 |
| | NNXVH3-5871 | 1/(2p) | p = 11 | 1.378 |
| | NYCPWG-5871 | 1/2a | a=11 | 1.3789 |
| | PY4UD3-5876 | (1+p)/4p | p=11 | 0.93946 |
| | T2682X-5871 | 1/2p | p=11 | 1.378 |
| | TAEY7L-5871 | 1/2a | a=11 | 1.379 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|--------|--------------|---------|---------------|------------------|
| D2S441 | TJN9UE-5876 | * | * | 1.347 |
| | VL3HXW-5876 | 1/2q | q=11 | 1.3789 |
| | WKQ6UZ-5871 | 1/2p | p=11 | 1.3789 |
| | WTGN89-5871 | 1/2p | p=11 | 1.3789 |

Statistical Analysis Summary of D2S441

Likelihood Ratio Mode: 1.3789

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|---------|--------------|-----------|----------------------|------------------|
| D3S1358 | 338GMR-5871 | 1/4p | p=15 | 0.8104 |
| | 38J7MN-5871 | 1/4p | p=15 | 0.8104 |
| | 3V3HB3-5871 | 1/4p | p=15 | 0.81037 |
| | 4EGGVQ-5871 | 0.25/p | p = 15 | 0.8104 |
| | 4MZHYN-5871 | 0.25/pa | pa=15 | 0.8104 |
| | 4Q7DV4-5876 | * | * | 0.8092 |
| | 4QPZUL-5871 | 1/4p | p=15 | 0.8104 |
| | 83QUEL-5876 | 1/4p | p=15 | 0.81037 |
| | 8AQG4Z-5876 | * | * | 0.8092 |
| | 9MNEEJ-5871 | 1/(4p) | p=15 | 0.8104 |
| | 9NQFRW-5871 | 1/4p | p=15 | 0.8104 |
| | ADJXVK-5871 | 0.25/p | 15 | 0.8104 |
| | AGZHFE-5871 | 1/4p | p = 15 | 0.8103 |
| | B92L4H-5871 | 1/4q | q=15 | 0.8104 |
| | ECQVRQ-5871 | 1/4p | p = 15 | 0.8104 |
| | EQBDMF-5876 | 1/4p | p = 15 | 0.810 |
| | GVD4PB-5876 | 1/4p | p=15 | 0.81 |
| | HZ7P9K-5871 | 1/4p | p=15 | 0.810372771 |
| | JAAZFA-5871 | 1/4a | a=15 | 0.8104 |
| | M26LKB-5876 | 1/4p | p=15 | 0.8104 |
| | M3KHDA-5876 | 0.25/p | p = 15 | 0.8104 |
| | MC8JTJ-5871 | 1/4p | p=15 | 0.8104 |
| | MRD473-5871 | 0.5/(2*A) | A=15 | 0.81037 |
| | NHRYWG-5871 | 1/4p | p = 15 | 0.81037 |
| | NJ32K2-5876 | 0.5r/2pr | p = 15 q = 16 r = 17 | 0.810372771 |
| | NNXVH3-5871 | 1/(4p) | p = 15 | 0.8103 |
| | NYCPWG-5871 | 1/4a | a=15 | 0.8104 |
| | PY4UD3-5876 | (1+2p)/8p | p=15 | 0.65519 |
| | T2682X-5871 | 1/4p | p=15 | 0.8103 |
| | TAEY7L-5871 | 1/4a | a=15 | 0.8104 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|---------|--------------|---------|---------------|------------------|
| D3S1358 | TJN9UE-5876 | * | * | 0.8092 |
| | VL3HXW-5876 | 1/4q | q=15 | 0.8104 |
| | WKQ6UZ-5871 | 1/4p | p=15 | 0.8104 |
| | WTGN89-5871 | 1/4p | p=15 | 0.81037 |

Statistical Analysis Summary of D3S1358

Likelihood Ratio Mode: 0.8104

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|--------|--------------|---------------------|---------------|------------------|
| D5S818 | 338GMR-5871 | 1/2p | p=13 | 2.2351 |
| | 38J7MN-5871 | 1/2p | p=13 | 2.2351 |
| | 3V3HB3-5871 | 1/2p | p=13 | 2.2351 |
| | 4EGGVQ-5871 | 0.5/p | p = 13 | 2.2351 |
| | 4MZHYN-5871 | 0.5/pa | pa=13 | 2.2351 |
| | 4Q7DV4-5876 | * | * | 2.114 |
| | 4QPZUL-5871 | 1/2p | p=13 | 2.2351 |
| | 83QUEL-5876 | 1/2p | p=13 | 2.2351 |
| | 8AQG4Z-5876 | * | * | 2.114 |
| | 9MNEEJ-5871 | 1/(2q) | q=13 | 2.2351 |
| | 9NQFRW-5871 | 1/2p | p=13 | 2.2351 |
| | ADJXVK-5871 | 0.5/p | 13 | 2.2351 |
| | AGZHFE-5871 | 1/2p | p = 13 | 2.2351 |
| | B92L4H-5871 | 1/2q | q=13 | 2.2351 |
| | ECQVRQ-5871 | 1/2p | p = 13 | 2.235 |
| | EQBDMF-5876 | 1/2p | p = 13 | 2.235 |
| | GYD4PB-5876 | 1/2p | p=13 | 2.235 |
| | HZ7P9K-5871 | 1/2p | p=13 | 2.235136343 |
| | JAAZFA-5871 | 1/2a | a=13 | 2.235 |
| | M26LKB-5876 | 1/2p | p=13 | 2.2351 |
| | M3KHDA-5876 | 0.5/p | p = 13 | 2.2351 |
| | MC8JTJ-5871 | 1/2q | q=13 | 2.2351 |
| | MRD473-5871 | 0.5/A | A=13 | 2.23513 |
| | NHRYWG-5871 | 1/2p | p = 13 | 2.2351 |
| | NJ32K2-5876 | 0.5q/q ² | p = 12 q = 13 | 2.235136343 |
| | NNXVH3-5871 | 1/(2p) | p = 13 | 2.235 |
| | NYCPWG-5871 | 1/2a | a=13 | 2.2351 |
| | PY4UD3-5876 | (1+p)/4p | p=13 | 1.36757 |
| | T2682X-5871 | 1/2p | p=13 | 2.235 |
| | TAEY7L-5871 | 1/2a | a=13 | 2.235 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|--------|--------------|---------|---------------|------------------|
| D5S818 | TJN9UE-5876 | * | * | 2.114 |
| | VL3HXW-5876 | 1/2q | q=13 | 2.2351 |
| | WKQ6UZ-5871 | 1/2q | q=13 | 2.2351 |
| | WTGN89-5871 | 1/2p | p=13 | 2.2351 |

Statistical Analysis Summary of D5S818

Likelihood Ratio Mode: 2.2351

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|--------|--------------|-----------|---------------------|------------------|
| D7S820 | 338GMR-5871 | 1/4p | p=8 | 1.0960 |
| | 38J7MN-5871 | 1/4p | p=8 | 1.0960 |
| | 3V3HB3-5871 | 1/4p | p=8 | 1.0960 |
| | 4EGGVQ-5871 | 0.25/p | p = 8 | 1.0960 |
| | 4MZHYN-5871 | 0.25/pa | pa=8 | 1.0960 |
| | 4Q7DV4-5876 | * | * | 1.082 |
| | 4QPZUL-5871 | 1/4p | p=8 | 1.0960 |
| | 83QUEL-5876 | 1/4p | p=8 | 1.0960 |
| | 8AQG4Z-5876 | * | * | 1.082 |
| | 9MNEEJ-5871 | 1/(4p) | p=8 | 1.0960 |
| | 9NQFRW-5871 | 1/4p | p=8 | 1.0960 |
| | ADJXVK-5871 | 0.25/p | 8 | 1.0960 |
| | AGZHFE-5871 | 1/4p | p = 8 | 1.0960 |
| | B92L4H-5871 | 1/4q | q=8 | 1.0960 |
| | ECQVRQ-5871 | 1/4p | p = 8 | 1.096 |
| | EQBDMF-5876 | 1/4p | p = 8 | 1.096 |
| | GVD4PB-5876 | 1/4p | p=8 | 1.096 |
| | HZ7P9K-5871 | 1/4p | p=8 | 1.096010522 |
| | JAAZFA-5871 | 1/4a | a=8 | 1.096 |
| | M26LKB-5876 | 1/4p | p=8 | 1.0960 |
| | M3KHDA-5876 | 0.25/p | p = 8 | 1.0960 |
| | MC8JTJ-5871 | 1/4p | p=8 | 1.0960 |
| | MRD473-5871 | 0.5/(2*A) | A=8 | 1.09601 |
| | NHRYWG-5871 | 1/4p | p = 8 | 1.0960 |
| | NJ32K2-5876 | 0.5q/2pq | p = 8 q = 11 r = 13 | 1.096010522 |
| | NNXVH3-5871 | 1/(4p) | p = 8 | 1.096 |
| | NYCPWG-5871 | 1/4a | a=8 | 1.0960 |
| | PY4UD3-5876 | (1+2p)/8p | p=8 | 0.79800 |
| | T2682X-5871 | 1/4p | p=8 | 1.096 |
| | TAEY7L-5871 | 1/4a | a=8 | 1.096 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|--------|--------------|---------|---------------|------------------|
| D7S820 | TJN9UE-5876 | * | * | 1.082 |
| | VL3HXW-5876 | 1/4q | q=8 | 1.0960 |
| | WKQ6UZ-5871 | 1/4p | p=8 | 1.0960 |
| | WTGN89-5871 | 1/4p | p=8 | 1.0960 |

Statistical Analysis Summary of D7S820

Likelihood Ratio Mode: 1.0960

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|---------|--------------|------------|---------------|------------------|
| D8S1179 | 338GMR-5871 | 1/2p | p=11 | 9.5057 |
| | 38J7MN-5871 | 1/2p | p=11 | 9.5057 |
| | 3V3HB3-5871 | 1/2p | p=11 | 9.5057 |
| | 4EGGVQ-5871 | 0,5/p | p = 11 | 9.5057 |
| | 4MZHYN-5871 | 0.5/pa | pa=11 | 9.5057 |
| | 4Q7DV4-5876 | * | * | 7.068 |
| | 4QPZUL-5871 | 1/2p | p=11 | 9.5057 |
| | 83QUEL-5876 | 1/2p | p=11 | 9.5057 |
| | 8AQG4Z-5876 | * | * | 7.068 |
| | 9MNEEJ-5871 | 1/(2p) | p=11 | 9.5057 |
| | 9NQFRW-5871 | 1/2p | p=11 | 9.5057 |
| | ADJXVK-5871 | 0.5/p | 11 | 9.5057 |
| | AGZHFE-5871 | 1/2p | p = 11 | 9.5057 |
| | B92L4H-5871 | 1/2q | q=11 | 9.5057 |
| | ECQVRQ-5871 | 1/2p | p = 11 | 9.506 |
| | EQBDMF-5876 | 1/2p | p = 11 | 9.506 |
| | GYD4PB-5876 | 1/2p | p=11 | 9.506 |
| | HZ7P9K-5871 | 1/2p | p=11 | 9.505703422 |
| | JAAZFA-5871 | 1/2a | a=11 | 9.506 |
| | M26LKB-5876 | 1/2p | p=11 | 9.5057 |
| | M3KHDA-5876 | =0.5/p | p = 11 | 9.5057 |
| | MC8JTJ-5871 | 1/2p | p=11 | 9.5057 |
| | MRD473-5871 | 0.5/A | A=11 | 9.50570 |
| | NHRYWG-5871 | 1/2p | p = 11 | 9.5057 |
| | NJ32K2-5876 | 0.5p/p ^ 2 | p = 11 q = 16 | 9.505703422 |
| | NNXVH3-5871 | 1/(2p) | p = 11 | 9.505 |
| | NYCPWG-5871 | 1/2a | a=11 | 9.5057 |
| | PY4UD3-5876 | (1+p)/4p | p=11 | 5.00285 |
| | T2682X-5871 | 1/2p | p=11 | 9.505 |
| | TAEY7L-5871 | 1/2a | a=11 | 9.506 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|--------------|---------------------|----------------|----------------------|-------------------------|
| D8S1179 | TJN9UE-5876 | * | * | 7.068 |
| | VL3HXW-5876 | 1/2q | q=11 | 9.5057 |
| | WKQ6UZ-5871 | 1/2p | p=11 | 9.5057 |
| | WTGN89-5871 | 1/2p | p=11 | 9.5057 |

Statistical Analysis Summary of D8S1179**Likelihood Ratio Mode: 9.5057**

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|----------|--------------|-----------|----------------------|------------------|
| D10S1248 | 338GMR-5871 | 1/4p | p=14 | 0.9048 |
| | 38J7MN-5871 | 1/4p | p=14 | 0.9048 |
| | 3V3HB3-5871 | 1/4p | p=14 | 0.90481 |
| | 4EGGVQ-5871 | 0,25/p | p = 14 | 0.9048 |
| | 4MZHYN-5871 | 0.25/pa | pa=14 | 0.9048 |
| | 4Q7DV4-5876 | * | * | 0.9002 |
| | 4QPZUL-5871 | 1/4q | q=14 | 0.9048 |
| | 83QUEL-5876 | 1/4p | p=14 | 0.90481 |
| | 8AQG4Z-5876 | * | * | 0.9002 |
| | 9MNEEJ-5871 | 1/(4q) | q=14 | 0.9048 |
| | 9NQFRW-5871 | 1/4p | p=14 | 0.9048 |
| | ADJXVK-5871 | 0.25/p | 14 | 0.9048 |
| | AGZHFE-5871 | 1/4p | p = 14 | 0.9048 |
| | B92L4H-5871 | 1/4q | q=14 | 0.9048 |
| | ECQVRQ-5871 | 1/4p | p = 14 | 0.9048 |
| | EQBDMF-5876 | 1/4p | p = 14 | 0.905 |
| | GYD4PB-5876 | 1/4p | p=14 | 0.905 |
| | HZ7P9K-5871 | 1/4p | p=14 | 0.904813608 |
| | JAAZFA-5871 | 1/4a | a=14 | 0.9048 |
| | M26LKB-5876 | 1/4p | p=14 | 0.9048 |
| | M3KHDA-5876 | 0.25/p | p = 14 | 0.9048 |
| | MC8JTJ-5871 | 1/4q | q=14 | 0.9048 |
| | MRD473-5871 | 0.5/(2*A) | A=14 | 0.90481 |
| | NHRYWG-5871 | 1/4p | p = 14 | 0.90481 |
| | NJ32K2-5876 | 0.5p/2pr | p = 12 q = 13 r = 14 | 0.904813608 |
| | NNXVH3-5871 | 1/(4p) | p = 14 | 0.9048 |
| | NYCPWG-5871 | 1/4a | a=14 | 0.9048 |
| | PY4UD3-5876 | (1+2p)/8p | p=14 | 0.70241 |
| | T2682X-5871 | 1/4p | p=14 | 0.9048 |
| | TAEY7L-5871 | 1/4a | a=14 | 0.9048 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|----------|--------------|---------|---------------|------------------|
| D10S1248 | TJN9UE-5876 | * | * | 0.9002 |
| | VL3HXW-5876 | 1/4q | q=14 | 0.9048 |
| | WKQ6UZ-5871 | 1/4r | r=14 | 0.9048 |
| | WTGN89-5871 | 1/4p | p=14 | 0.90481 |

Statistical Analysis Summary of D10S1248

Likelihood Ratio Mode: 0.9048

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|---------|--------------|------------|---------------|------------------|
| D12S391 | 338GMR-5871 | 1/2p | p=19 | 3.3852 |
| | 38J7MN-5871 | 1/2p | p=19 | 3.3852 |
| | 3V3HB3-5871 | 1/2p | p=19 | 3.3852 |
| | 4EGGVQ-5871 | 0.5/p | p = 19 | 3.3852 |
| | 4MZHYN-5871 | 0.5/pa | pa=19 | 3.3852 |
| | 4QPZUL-5871 | 1/2p | p=19 | 3.3852 |
| | 83QUEL-5876 | 1/2p | p=19 | 3.3852 |
| | 9MNEEJ-5871 | 1/(2p) | p=19 | 3.3852 |
| | 9NQFRW-5871 | 1/2p | p=19 | 3.3852 |
| | ADJXVK-5871 | 0.5/p | 19 | 3.3852 |
| | AGZHFE-5871 | 1/2p | p = 19 | 3.3852 |
| | B92L4H-5871 | 1/2q | q=19 | 3.3852 |
| | ECQVRQ-5871 | 1/2p | p = 19 | 3.385 |
| | EQBDMF-5876 | 1/2p | p = 19 | 3.385 |
| | GYD4PB-5876 | 1/2p | p=19 | 3.385 |
| | HZ7P9K-5871 | 1/2p | p=19 | 3.385240352 |
| | JAAZFA-5871 | 1/2a | a=19 | 3.385 |
| | M26LKB-5876 | 1/2p | p=19 | 3.3852 |
| | M3KHDA-5876 | 0.5/p | p = 19 | 3.3852 |
| | MC8JTJ-5871 | 1/2p | p=19 | 3.3852 |
| | MRD473-5871 | 0.5/A | A=19 | 3.38524 |
| | NHRYWG-5871 | 1/2p | p = 19 | 3.3852 |
| | NJ32K2-5876 | 0.5p/p ^ 2 | p = 19 q = 25 | 3.385240352 |
| | NNXVH3-5871 | 1/(2p) | p = 19 | 3.385 |
| | NYCPWG-5871 | 1/2a | a=19 | 3.3852 |
| | PY4UD3-5876 | (1+p)/4p | p=19 | 1.94262 |
| | T2682X-5871 | 1/2p | p=19 | 3.385 |
| | TAEY7L-5871 | 1/2a | a=19 | 3.385 |
| | VL3HXW-5876 | 1/2q | q=19 | 3.3852 |
| | WKQ6UJ-5871 | 1/2p | p=19 | 3.3852 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|--|---------------------|----------------|-------------------------------|-------------------------|
| D12S391 | WTGN89-5871 | 1/2p | p=19 | 3.3852 |
| Statistical Analysis Summary of D12S391 | | | Likelihood Ratio Mode: | 3.3852 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|---------|--------------|----------|---------------|------------------|
| D13S317 | 338GMR-5871 | 1/2p | p=11 | 1.6134 |
| | 38J7MN-5871 | 1/2p | p=11 | 1.6134 |
| | 3V3HB3-5871 | 1/2p | p=11 | 1.6134 |
| | 4EGGVQ-5871 | 0.5/p | p = 11 | 1.6134 |
| | 4MZHYN-5871 | 0.5/pa | pa=11 | 1.6134 |
| | 4Q7DV4-5876 | * | * | 1.562 |
| | 4QPZUL-5871 | 1/2q | q=11 | 1.6134 |
| | 83QUEL-5876 | 1/2p | p=11 | 1.6134 |
| | 8AQG4Z-5876 | * | * | 1.562 |
| | 9MNEEJ-5871 | 1/(2p) | p=11 | 1.6134 |
| | 9NQFRW-5871 | 1/2p | p=11 | 1.6134 |
| | ADJXVK-5871 | 0.5/p | 11 | 1.6134 |
| | AGZHFE-5871 | 1/2p | p = 11 | 1.6134 |
| | B92L4H-5871 | 1/2q | q=11 | 1.6134 |
| | ECQVRQ-5871 | 1/2p | p = 11 | 1.613 |
| | EQBDMF-5876 | 1/2p | p = 11 | 1.613 |
| | GVD4PB-5876 | 1/2p | p=11 | 1.613 |
| | HZ7P9K-5871 | 1/2p | p=11 | 1.613423685 |
| | JAAZFA-5871 | 1/2a | a=11 | 1.613 |
| | M26LKB-5876 | 1/2p | p=11 | 1.6134 |
| | M3KHDA-5876 | 0.5/p | p = 11 | 1.6134 |
| | MC8JTJ-5871 | 1/2q | q=11 | 1.6134 |
| | MRD473-5871 | 0.5/A | A=11 | 1.61342 |
| | NHRYWG-5871 | 1/2p | p = 11 | 1.6134 |
| | NJ32K2-5876 | p/2pq | p = 8 q = 11 | 1.613423685 |
| | NNXVH3-5871 | 1/(2p) | p = 11 | 1.613 |
| | NYCPWG-5871 | 1/2a | a=11 | 1.6134 |
| | PY4UD3-5876 | (1+p)/4p | p=11 | 1.05671 |
| | T2682X-5871 | 1/2p | p=11 | 1.613 |
| | TAEY7L-5871 | 1/2a | a=11 | 1.613 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|---------|--------------|---------|---------------|------------------|
| D13S317 | TJN9UE-5876 | * | * | 1.562 |
| | VL3HXW-5876 | 1/2q | q=11 | 1.6134 |
| | WKQ6UZ-5871 | 1/2s | s=11 | 1.6134 |
| | WTGN89-5871 | 1/2p | p=11 | 1.6134 |

Statistical Analysis Summary of D13S317

Likelihood Ratio Mode: 1.6134

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|---------|--------------|------------|---------------|------------------|
| D16S539 | 338GMR-5871 | 1/2p | p=12 | 2.4426 |
| | 38J7MN-5871 | 1/2p | p=12 | 2.4426 |
| | 3V3HB3-5871 | 1/2p | p=12 | 2.4426 |
| | 4EGGVQ-5871 | 0.5/p | p = 12 | 2.4426 |
| | 4MZHYN-5871 | 0.5/pa | pa=12 | 2.4426 |
| | 4Q7DV4-5876 | * | * | 2.292 |
| | 4QPZUL-5871 | 1/2p | p=12 | 2.4426 |
| | 83QUEL-5876 | 1/2p | p=12 | 2.4426 |
| | 8AQG4Z-5876 | * | * | 2.292 |
| | 9MNEEJ-5871 | 1/(2q) | q=12 | 2.4426 |
| | 9NQFRW-5871 | 1/2p | p=12 | 2.4426 |
| | ADJXVK-5871 | 0.5/p | 12 | 2.4426 |
| | AGZHFE-5871 | 1/2p | p = 12 | 2.4425 |
| | B92L4H-5871 | 1/2q | q=12 | 2.4426 |
| | ECQVRQ-5871 | 1/2p | p = 12 | 2.443 |
| | EQBDMF-5876 | 1/2p | p = 12 | 2.442 |
| | GVD4PB-5876 | 1/2p | p=12 | 2.443 |
| | HZ7P9K-5871 | 1/2p | p=12 | 2.442598925 |
| | JAAZFA-5871 | 1/2a | a=12 | 2.443 |
| | M26LKB-5876 | 1/2p | p=12 | 2.4426 |
| | M3KHDA-5876 | 0.5/p | p = 12 | 2.4426 |
| | MC8JTJ-5871 | 1/2q | q=12 | 2.4426 |
| | MRD473-5871 | 0.5/A | A=12 | 2.44259 |
| | NHRYWG-5871 | 1/2p | p = 12 | 2.4426 |
| | NJ32K2-5876 | 0.5q/q ^ 2 | p = 11 q = 12 | 2.442598925 |
| | NNXVH3-5871 | 1/(2p) | p = 12 | 2.442 |
| | NYCPWG-5871 | 1/2a | a=12 | 2.4426 |
| | PY4UD3-5876 | (1+p)/4p | p=12 | 1.47130 |
| | T2682X-5871 | 1/2p | p=12 | 2.442 |
| | TAEY7L-5871 | 1/2a | a=12 | 2.443 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|---------|--------------|---------|---------------|------------------|
| D16S539 | TJN9UE-5876 | * | * | 2.292 |
| | VL3HXW-5876 | 1/2q | q=12 | 2.4426 |
| | WKQ6UZ-5871 | 1/2q | q=12 | 2.4426 |
| | WTGN89-5871 | 1/2p | p=12 | 2.4426 |

Statistical Analysis Summary of D16S539**Likelihood Ratio Mode: 2.4426**

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|--------|--------------|---------------------|---------------|------------------|
| D18S51 | 338GMR-5871 | 1/2p | p=14 | 6.9832 |
| | 38J7MN-5871 | 1/2p | p=14 | 6.9832 |
| | 3V3HB3-5871 | 1/2p | p=14 | 6.9832 |
| | 4EGGVQ-5871 | 0.5/p | p = 14 | 6.9832 |
| | 4MZHYN-5871 | 0.5/pa | pa=14 | 6.9832 |
| | 4Q7DV4-5876 | * | * | 5.611 |
| | 4QPZUL-5871 | 1/2p | p=14 | 6.9832 |
| | 83QUEL-5876 | 1/2p | p=14 | 6.9832 |
| | 8AQG4Z-5876 | * | * | 5.611 |
| | 9MNEEJ-5871 | 1/(2p) | p=14 | 6.9832 |
| | 9NQFRW-5871 | 1/2p | p=14 | 6.9832 |
| | ADJXVK-5871 | 0.5/p | 14 | 6.9832 |
| | AGZHFE-5871 | 1/2p | p = 14 | 6.9832 |
| | B92L4H-5871 | 1/2q | q=14 | 6.9832 |
| | ECQVRQ-5871 | 1/2p | p = 14 | 6.983 |
| | EQBDMF-5876 | 1/2p | p = 14 | 6.983 |
| | GVD4PB-5876 | 1/2p | p=14 | 6.983 |
| | HZ7P9K-5871 | 1/2p | p=14 | 6.983240223 |
| | JAAZFA-5871 | 1/2a | a=14 | 6.983 |
| | M26LKB-5876 | 1/2p | p=14 | 6.9832 |
| | M3KHDA-5876 | 0.5/p | p = 14 | 6.9832 |
| | MC8JTJ-5871 | 1/2p | p=14 | 6.9832 |
| | MRD473-5871 | 0.5/A | A=14 | 6.98324 |
| | NHRYWG-5871 | 1/2p | p = 14 | 6.9832 |
| | NJ32K2-5876 | 0.5q/q ² | p = 14 q = 17 | 3.289473684 |
| | NNXVH3-5871 | 1/(2p) | p = 14 | 6.983 |
| | NYCPWG-5871 | 1/2a | a=14 | 6.9832 |
| | PY4UD3-5876 | (1+p)/4p | p=14 | 3.74162 |
| | T2682X-5871 | 1/2p | p=14 | 6.983 |
| | TAEY7L-5871 | 1/2a | a=14 | 6.983 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|--------|--------------|---------|---------------|------------------|
| D18S51 | TJN9UE-5876 | * | * | 5.611 |
| | VL3HXW-5876 | 1/2q | q=14 | 6.9832 |
| | WKQ6UZ-5871 | 1/2p | p=14 | 6.9832 |
| | WTGN89-5871 | 1/2p | p=14 | 6.9832 |

Statistical Analysis Summary of D18S51

Likelihood Ratio Mode: 6.9832

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|---------|--------------|--------------------|----------------------|------------------|
| D19S433 | 338GMR-5871 | 1/2p | p=15.2 | 8.1433 |
| | 38J7MN-5871 | 1/2p | p=15.2 | 8.1433 |
| | 3V3HB3-5871 | 1/2p | p=15.2 | 8.1433 |
| | 4EGGVQ-5871 | 0.5/p | p = 15.2 | 8.1433 |
| | 4MZHYN-5871 | 0.5/p _a | p _a =15.2 | 8.1433 |
| | 4Q7DV4-5876 | * | * | 6.312 |
| | 4QPZUL-5871 | 1/2q | q=15.2 | 8.1433 |
| | 83QUEL-5876 | 1/2p | p=15.2 | 8.1433 |
| | 8AQG4Z-5876 | * | * | 6.312 |
| | 9MNEEJ-5871 | 1/(2p) | p=15.2 | 8.1433 |
| | 9NQFRW-5871 | 1/2p | p=15.2 | 8.1433 |
| | ADJXVK-5871 | 0.5/p | 15.2 | 8.1433 |
| | AGZHFE-5871 | 1/2p | p = 15.2 | 8.1433 |
| | B92L4H-5871 | 1/2q | q=15.2 | 8.1433 |
| | ECQVRQ-5871 | 1/2p | p = 15.2 | 8.143 |
| | EQBDMF-5876 | 1/2p | p = 15.2 | 8.143 |
| | GVD4PB-5876 | 1/2p | p=15.2 | 8.143 |
| | HZ7P9K-5871 | 1/2p | p=15.2 | 8.143322476 |
| | JAAZFA-5871 | 1/2 _a | a=15.2 | 8.143 |
| | M26LKB-5876 | 1/2p | p=15.2 | 8.1433 |
| | M3KHDA-5876 | 0.5/p | p = 15.2 | 8.1433 |
| | MC8JTJ-5871 | 1/2q | q=15.2 | 8.1433 |
| | MRD473-5871 | 0.5/A | A=15.2 | 8.14332 |
| | NHRYWG-5871 | 1/2p | p = 15.2 | 8.1433 |
| | NJ32K2-5876 | p/2pq | p = 13 q = 15.2 | 8.143322476 |
| | NNXVH3-5871 | 1/(2p) | p = 15.2 | 8.143 |
| | NYCPWG-5871 | 1/2 _a | a=15.2 | 8.1433 |
| | PY4UD3-5876 | (1+p)/4p | p=15.2 | 4.32166 |
| | T2682X-5871 | 1/2p | p=15.2 | 8.143 |
| | TAEY7L-5871 | 1/2 _a | a=15 | 8.143 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|---------|--------------|---------|---------------|------------------|
| D19S433 | TJN9UE-5876 | * | * | 6.312 |
| | VL3HXW-5876 | 1/2q | q=15.2 | 8.1433 |
| | WKQ6UZ-5871 | 1/2a | a=15.2 | 8.1433 |
| | WTGN89-5871 | 1/2p | p=15.2 | 8.1433 |

Statistical Analysis Summary of D19S433

Likelihood Ratio Mode: 8.1433

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|--------|--------------|------------|-----------------|------------------|
| D21S11 | 338GMR-5871 | 1/2p | p=29 | 2.4426 |
| | 38J7MN-5871 | 1/2p | p=29 | 2.4426 |
| | 3V3HB3-5871 | 1/2p | p=29 | 2.4426 |
| | 4EGGVQ-5871 | 0.5/p | p = 29 | 2.4426 |
| | 4MZHYN-5871 | 0.5/pa | pa=29 | 2.4426 |
| | 4Q7DV4-5876 | * | * | 2.293 |
| | 4QPZUL-5871 | 1/2p | p=29 | 2.4426 |
| | 83QUEL-5876 | 1/2p | p=29 | 2.4426 |
| | 8AQG4Z-5876 | * | * | 2.293 |
| | 9MNEEJ-5871 | 1/(2p) | p=29 | 2.4426 |
| | 9NQFRW-5871 | 1/2p | p=29 | 2.4426 |
| | ADJXVK-5871 | 0.5/p | 29 | 2.4426 |
| | AGZHFE-5871 | 1/2p | p = 29 | 2.4425 |
| | B92L4H-5871 | 1/2q | q=29 | 2.4426 |
| | ECQVRQ-5871 | 1/2p | p = 29 | 2.443 |
| | EQBDMF-5876 | 1/2p | p = 29 | 2.442 |
| | GVD4PB-5876 | 1/2p | p=29 | 2.443 |
| | HZ7P9K-5871 | 1/2p | p=29 | 2.442598925 |
| | JAAZFA-5871 | 1/2a | a=29 | 2.443 |
| | M26LKB-5876 | 1/2p | p=29 | 2.4426 |
| | M3KHDA-5876 | 0.5/p | p = 29 | 2.4426 |
| | MC8JTJ-5871 | 1/2p | p=29 | 2.4426 |
| | MRD473-5871 | 0.5/A | A=29 | 2.44259 |
| | NHRYWG-5871 | 1/2p | p = 29 | 2.4426 |
| | NJ32K2-5876 | 0.5p/p ^ 2 | p = 29 q = 32.2 | 2.442598925 |
| | NNXVH3-5871 | 1/(2p) | p = 29 | 2.442 |
| | NYCPWG-5871 | 1/2a | a=29 | 2.4426 |
| | PY4UD3-5876 | (1+p)/4p | p=29 | 1.4713 |
| | T2682X-5871 | 1/2p | p=29 | 2.442 |
| | TAEY7L-5871 | 1/2a | a=29 | 2.443 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|--------|--------------|---------|---------------|------------------|
| D21S11 | TJN9UE-5876 | * | * | 2.293 |
| | VL3HXW-5876 | 1/2q | q=29 | 2.4426 |
| | WKQ6UZ-5871 | 1/2p | p=29 | 2.4426 |
| | WTGN89-5871 | 1/2p | p=29 | 2.4426 |

Statistical Analysis Summary of D21S11

Likelihood Ratio Mode: 2.4426

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|----------|--------------|-----------|----------------------|------------------|
| D22S1045 | 338GMR-5871 | 1/4p | p=17 | 1.1956 |
| | 38J7MN-5871 | 1/4p | p=17 | 1.1956 |
| | 3V3HB3-5871 | 1/4p | p=17 | 1.1956 |
| | 4EGGVQ-5871 | 0.25/p | p = 17 | 1.1956 |
| | 4MZHYN-5871 | 0.25/pa | pa=17 | 1.1956 |
| | 4Q7DV4-5876 | * | * | 1.176 |
| | 4QPZUL-5871 | 1/4q | q=17 | 1.1956 |
| | 83QUEL-5876 | 1/4p | p=17 | 1.1956 |
| | 8AQG4Z-5876 | * | * | 1.176 |
| | 9MNEEJ-5871 | 1/(4q) | q=17 | 1.1956 |
| | 9NQFRW-5871 | 1/4p | p=17 | 1.1956 |
| | ADJXVK-5871 | 0.25/p | 17 | 1.1956 |
| | AGZHFE-5871 | 1/4p | p = 17 | 1.1956 |
| | B92L4H-5871 | 1/4q | q=17 | 1.1956 |
| | ECQVRQ-5871 | 1/4p | p = 17 | 1.196 |
| | EQBDMF-5876 | 1/4p | p = 17 | 1.196 |
| | GVD4PB-5876 | 1/4p | p=17 | 1.196 |
| | HZ7P9K-5871 | 1/4p | p=17 | 1.195600191 |
| | JAAZFA-5871 | 1/4a | a=17 | 1.196 |
| | M26LKB-5876 | 1/4p | p=17 | 1.1956 |
| | M3KHDA-5876 | 0.25/p | p = 17 | 1.1956 |
| | MC8JTJ-5871 | 1/4q | q=17 | 1.1956 |
| | MRD473-5871 | 0.5/(2*A) | A=17 | 1.19560 |
| | NHRYWG-5871 | 1/4p | p = 17 | 1.1956 |
| | NJ32K2-5876 | 0.5p/2pr | p = 15 q = 16 r = 17 | 1.195600191 |
| | NNXVH3-5871 | 1/(4p) | p = 17 | 1.195 |
| | NYCPWG-5871 | 1/4a | a=17 | 1.1956 |
| | PY4UD3-5876 | (1+2p)/8p | p=17 | 0.84780 |
| | T2682X-5871 | 1/4p | p=17 | 1.195 |
| | TAEY7L-5871 | 1/4a | a=17 | 1.196 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|----------|--------------|---------|---------------|------------------|
| D22S1045 | TJN9UE-5876 | * | * | 1.176 |
| | VL3HXW-5876 | 1/4q | q=17 | 1.1956 |
| | WKQ6UZ-5871 | 1/4r | r=17 | 1.1956 |
| | WTGN89-5871 | 1/4p | p=17 | 1.1956 |

Statistical Analysis Summary of D22S1045

Likelihood Ratio Mode: 1.1956

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|--------|--------------|-----------|----------------------|------------------|
| CSF1PO | 338GMR-5871 | 1/4p | p=11 | 1.0060 |
| | 38J7MN-5871 | 1/4p | p=11 | 1.0060 |
| | 3V3HB3-5871 | 1/4p | p=11 | 1.0060 |
| | 4EGGVQ-5871 | 0.25/p | p = 11 | 1.0060 |
| | 4MZHYN-5871 | 0.25/pa | pa=11 | 1.0060 |
| | 4Q7DV4-5876 | * | * | 0.9966 |
| | 4QPZUL-5871 | 1/4p | p=11 | 1.0060 |
| | 83QUEL-5876 | 1/4p | p=11 | 1.0060 |
| | 8AQG4Z-5876 | * | * | 0.9966 |
| | 9MNEEJ-5871 | 1/(4p) | p=11 | 1.0060 |
| | 9NQFRW-5871 | 1/4p | p=11 | 1.0060 |
| | ADJXVK-5871 | 0.25/p | 11 | 1.0060 |
| | AGZHFE-5871 | 1/4p | p = 11 | 1.0060 |
| | B92L4H-5871 | 1/4q | q=11 | 1.0060 |
| | ECQVRQ-5871 | 1/4p | p = 11 | 1.006 |
| | EQBDMF-5876 | 1/4p | p = 11 | 1.006 |
| | GYD4PB-5876 | 1/4p | p=11 | 1.006 |
| | HZ7P9K-5871 | 1/4p | p=11 | 1.006036217 |
| | JAAZFA-5871 | 1/4a | a=11 | 1.006 |
| | M26LKB-5876 | 1/4p | p=11 | 1.0060 |
| | M3KHDA-5876 | 0.25/p | p = 11 | 1.0060 |
| | MC8JTJ-5871 | 1/4p | p=11 | 1.0060 |
| | MRD473-5871 | 0.5/(2*A) | A=11 | 1.00603 |
| | NHRYWG-5871 | 1/4p | p = 11 | 1.0060 |
| | NJ32K2-5876 | 0.5p/2pq | p = 11 q = 12 r = 13 | 0.846596681 |
| | NNXVH3-5871 | 1/(4p) | p = 11 | 1.006 |
| | NYCPWG-5871 | 1/4a | a=11 | 1.0060 |
| | PY4UD3-5876 | (1+2p)/8p | p=11 | 0.75302 |
| | T2682X-5871 | 1/4p | p=11 | 1.006 |
| | TAEY7L-5871 | 1/4a | a=11 | 1.006 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|--------|--------------|---------|---------------|------------------|
| CSF1PO | TJN9UE-5876 | * | * | 0.9966 |
| | VL3HXW-5876 | 1/4q | q=11 | 1.0060 |
| | WKQ6UZ-5871 | 1/4p | p=11 | 1.0060 |
| | WTGN89-5871 | 1/4p | p=11 | 1.0060 |

Statistical Analysis Summary of CSF1PO

Likelihood Ratio Mode: 1.0060

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|-------|--------------|-----------|----------------------|------------------|
| FGA | 338GMR-5871 | 1/4p | p=21 | 2.0358 |
| | 38J7MN-5871 | 1/4p | p=21 | 2.0358 |
| | 3V3HB3-5871 | 1/4p | p=21 | 2.0358 |
| | 4EGGVQ-5871 | 0.25/p | p = 21 | 2.0358 |
| | 4MZHYN-5871 | 0.25/pa | pa=21 | 2.0358 |
| | 4Q7DV4-5876 | * | * | 1.940 |
| | 4QPZUL-5871 | 1/4p | p=21 | 2.0358 |
| | 83QUEL-5876 | 1/4p | p=21 | 2.0358 |
| | 8AQG4Z-5876 | * | * | 1.940 |
| | 9MNEEJ-5871 | 1/(4p) | p=21 | 2.0358 |
| | 9NQFRW-5871 | 1/4p | p=21 | 2.0358 |
| | ADJXVK-5871 | 0.25/p | 21 | 2.0358 |
| | AGZHFE-5871 | 1/4p | p = 21 | 2.0358 |
| | B92L4H-5871 | 1/4q | q=21 | 2.0358 |
| | ECQVRQ-5871 | 1/4p | p = 21 | 2.036 |
| | EQBDMF-5876 | 1/4p | p = 21 | 2.036 |
| | GVD4PB-5876 | 1/4p | p=21 | 2.036 |
| | HZ7P9K-5871 | 1/4p | p=21 | 2.035830619 |
| | JAAZFA-5871 | 1/4a | a=21 | 2.036 |
| | M26LKB-5876 | 1/4p | p=21 | 2.0358 |
| | M3KHDA-5876 | 0.25/p | p = 21 | 2.0358 |
| | MC8JTJ-5871 | 1/4p | p=21 | 2.0358 |
| | MRD473-5871 | 0.5/(2*A) | A=21 | 2.03583 |
| | NHRYWG-5871 | 1/4p | p = 21 | 2.0358 |
| | NJ32K2-5876 | 0.5r/2pr | p = 21 q = 22 r = 26 | 2.035830619 |
| | NNXVH3-5871 | 1/(4p) | p = 21 | 2.035 |
| | NYCPWG-5871 | 1/4a | a=21 | 2.0358 |
| | PY4UD3-5876 | (1+2p)/8p | p=21 | 1.26791 |
| | T2682X-5871 | 1/4p | p=21 | 2.035 |
| | TAEY7L-5871 | 1/4a | a=21 | 2.036 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|-------|--------------|---------|---------------|------------------|
| FGA | TJN9UE-5876 | * | * | 1.940 |
| | VL3HXW-5876 | 1/4q | q=21 | 2.0358 |
| | WKQ6UZ-5871 | 1/4p | p=21 | 2.0358 |
| | WTGN89-5871 | 1/4p | p=21 | 2.0358 |

Statistical Analysis Summary of FGA

Likelihood Ratio Mode: 2.0358

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|--------|--------------|------------------------|---------------|------------------|
| PentaD | 338GMR-5871 | 1/p | p=9 | 5.9488 |
| | 38J7MN-5871 | 1/p | p=9 | 5.9488 |
| | 3V3HB3-5871 | 1/p | p=9 | 5.9488 |
| | 4EGGVQ-5871 | 1/p | p = 9 | 5.9488 |
| | 4MZHYN-5871 | 1/pa | pa=9 | 5.9488 |
| | 4QPZUL-5871 | 1/p | p=9 | 5.9488 |
| | 83QUEL-5876 | 1/p | p=9 | 5.9488 |
| | 9MNEEJ-5871 | 1/p | p=9 | 5.9488 |
| | 9NQFRW-5871 | 1/p | p=9 | 5.9488 |
| | ADJXVK-5871 | 1/p | 9 | 5.9488 |
| | AGZHFE-5871 | 1/p | p = 9 | 5.9488 |
| | B92L4H-5871 | 1/q | q=9 | 5.9488 |
| | ECQVRQ-5871 | 1/p | p = 9 | 5.949 |
| | EQBDMF-5876 | 1/p | p = 9 | 5.949 |
| | GYD4PB-5876 | 1/p | p=9 | 5.949 |
| | HZ7P9K-5871 | 1/p | p=9 | 5.948839976 |
| | JAAZFA-5871 | 1/a | a=9 | 5.949 |
| | M26LKB-5876 | 1/p | p=9 | 5.9488 |
| | M3KHDA-5876 | 1/p | p = 9 | 5.9488 |
| | MC8JTJ-5871 | 1/p | p=9 | 5.9488 |
| | MRD473-5871 | 1/A | A=9 | 5.94884 |
| | NHRYWG-5871 | 1/p | p = 9 | 5.9488 |
| | NJ32K2-5876 | p/p ^ 2 | p = 9 | 5.948839976 |
| | NNXVH3-5871 | 1/p | p = 9 | 5.948 |
| | NYCPWG-5871 | 1/a | a=9 | 5.9488 |
| | PY4UD3-5876 | (1 + p) ^ 2 / (2p) ^ 2 | p=9 | 12.07159 |
| | T2682X-5871 | 1/p | p=9 | 5.948 |
| | TAEY7L-5871 | 1/a | a=9 | 5.949 |
| | VL3HXW-5876 | 1/q | q=9 | 5.9488 |
| | WKQ6UJ-5871 | 1/p | p=9 | 5.9488 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|--------------|---------------------|----------------|----------------------|-------------------------|
| PentaD | WTGN89-5871 | 1/p | p=9 | 5.9488 |

| | | | | |
|---|--|--|-------------------------------|---------------|
| Statistical Analysis Summary of PentaD | | | Likelihood Ratio Mode: | 5.9488 |
|---|--|--|-------------------------------|---------------|

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|--------|--------------|----------|---------------|------------------|
| PentaE | 338GMR-5871 | 1/2p | p=11 | 7.7760 |
| | 38J7MN-5871 | 1/2p | p=11 | 7.7760 |
| | 3V3HB3-5871 | 1/2p | p=11 | 7.7760 |
| | 4EGGVQ-5871 | 0.5/p | p = 11 | 7.7760 |
| | 4MZHYN-5871 | 0.5/pa | pa=11 | 7.7760 |
| | 4QPZUL-5871 | 1/2p | p=11 | 7.7760 |
| | 83QUEL-5876 | 1/2p | p=11 | 7.7760 |
| | 9MNEEJ-5871 | 1/(2p) | p=11 | 7.7760 |
| | 9NQFRW-5871 | 1/2p | p=11 | 7.7760 |
| | ADJXVK-5871 | 0.5/p | 11 | 7.7760 |
| | AGZHFE-5871 | 1/2p | p = 11 | 7.7760 |
| | B92L4H-5871 | 1/2q | q=11 | 7.7760 |
| | ECQVRQ-5871 | 1/2p | p = 11 | 7.776 |
| | EQBDMF-5876 | 1/2p | p = 11 | 7.776 |
| | GYD4PB-5876 | 1/2p | p=11 | 7.776 |
| | HZ7P9K-5871 | 1/2p | p=11 | 7.776049767 |
| | JAAZFA-5871 | 1/2a | a=11 | 7.776 |
| | M26LKB-5876 | 1/2p | p=11 | 7.7760 |
| | M3KHDA-5876 | 0.5/p | p = 11 | 7.7760 |
| | MC8JTJ-5871 | 1/2p | p=11 | 7.7760 |
| | MRD473-5871 | 0.5/A | A=11 | 7.77605 |
| | NHRYWG-5871 | 1/2p | p = 11 | 7.7760 |
| | NJ32K2-5876 | q/2pq | p = 11 q = 15 | 7.776049767 |
| | NNXVH3-5871 | 1/(2p) | p = 11 | 7.776 |
| | NYCPWG-5871 | 1/2a | a=11 | 7.7760 |
| | PY4UD3-5876 | (1+p)/4p | p=11 | 4.13802 |
| | T2682X-5871 | 1/2p | p=11 | 7.776 |
| | TAEY7L-5871 | 1/2a | a=11 | 7.776 |
| | VL3HXW-5876 | 1/2q | q=11 | 7.7760 |
| | WKQ6UZ-5871 | 1/2p | p=11 | 7.7760 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|---|---------------------|----------------|-------------------------------|-------------------------|
| PentaE | WTGN89-5871 | 1/2p | p=11 | 7.7760 |
| Statistical Analysis Summary of PentaE | | | Likelihood Ratio Mode: | 7.7760 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|-------|--------------|-----------|----------------------------|------------------|
| SE33 | 338GMR-5871 | 1/4p | p=31.2 | 15.5280 |
| | 38J7MN-5871 | 1/4p | p=31.2 | 15.5280 |
| | 3V3HB3-5871 | 1/4p | p=31.2 | 15.528 |
| | 4EGGVQ-5871 | 0.25/p | p = 31.2 | 15.5280 |
| | 4MZHYN-5871 | 0.25/pa | pa=31.2 | 15.5280 |
| | 4Q7DV4-5876 | * | * | 9.833 |
| | 4QPZUL-5871 | 1/4q | q=31.2 | 15.5280 |
| | 83QUEL-5876 | 1/4p | p=31.2 | 15.528 |
| | 8AQG4Z-5876 | * | * | 9.833 |
| | 9MNEEJ-5871 | 1/(2q) | q=31.2 | 15.5279 |
| | 9NQFRW-5871 | 1/4p | p=31.2 | 15.528 |
| | ADJXVK-5871 | 0.25/p | 31.2 | 15.5279 |
| | AGZHFE-5871 | 1/4p | p = 31.2 | 15.5279 |
| | B92L4H-5871 | 1/4q | q=31.2 | 15.5280 |
| | ECQVRQ-5871 | 1/4p | p = 31.2 | 15.528 |
| | EQBDMF-5876 | 1/4p | p = 31.2 | 15.528 |
| | GVD4PB-5876 | 1/4p | p=31.2 | 15.528 |
| | HZ7P9K-5871 | 1/4p | p=31.2 | 15.52795031 |
| | JAAZFA-5871 | 1/4a | a=31.2 | 15.53 |
| | M26LKB-5876 | 1/4p | p=31.2 | 15.5280 |
| | M3KHDA-5876 | 0.25/p | p = 31.2 | 15.5280 |
| | MC8JTJ-5871 | 1/4q | q=31.2 | 15.5280 |
| | MRD473-5871 | 0.5/(2*A) | A=31.2 | 15.52795 |
| | NHRYWG-5871 | 1/4p | p = 31.2 | 15.528 |
| | NJ32K2-5876 | 0.5p/2pr | p = 22.2 q = 28.2 r = 31.2 | 15.52795031 |
| | NNXVH3-5871 | 1/(4p) | p = 31.2 | 15.52 |
| | NYCPWG-5871 | 1/4a | a=31.2 | 15.5280 |
| | PY4UD3-5876 | (1+2p)/8p | p=31.2 | 8.01397 |
| | T2682X-5871 | 1/4p | p=31.2 | 15.52 |
| | TAEY7L-5871 | 1/4a | a=31.2 | 15.53 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|-------|--------------|---------|---------------|------------------|
| SE33 | TJN9UE-5876 | * | * | 9.833 |
| | VL3HXW-5876 | 1/4q | q=31.2 | 15.5280 |
| | WKQ6UZ-5871 | 1/4x | x=31.2 | 15.5280 |
| | WTGN89-5871 | 1/4p | p=31.2 | 15.528 |

Statistical Analysis Summary of SE33

Likelihood Ratio Mode: 15.5280

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|-------|--------------|-----------------------|-----------------|------------------|
| TH01 | 338GMR-5871 | $(p+q)/(4pq)$ | $p=6 \ q=7$ | 2.5126 |
| | 38J7MN-5871 | $(p+q)/4pq$ | $p=6 \ q=7$ | 2.5126 |
| | 3V3HB3-5871 | $(p+q)/(4pq)$ | $p=6 \ q=7$ | 2.5126 |
| | 4EGGVQ-5871 | $(p+q)/4pq$ | $p = 6 \ q = 7$ | 2.5126 |
| | 4MZHYN-5871 | $(pa+pb)/(4papb)$ | $pa=6 \ pb=7$ | 2.5126 |
| | 4Q7DV4-5876 | * | * | 2.435 |
| | 4QPZUL-5871 | $(p+q)/4pq$ | $p=6 \ q=7$ | 2.5126 |
| | 83QUEL-5876 | $(p+q)/4pq$ | $p=6 \ q=7$ | 2.5126 |
| | 8AQG4Z-5876 | * | * | 2.435 |
| | 9MNEEJ-5871 | $p+q/(4pq)$ | $p = 6 \ q = 7$ | 2.5126 |
| | 9NQFRW-5871 | $(p+q)/(4pq)$ | $p=6 \ q=7$ | 2.5126 |
| | ADJXVK-5871 | $(p+q)/4pq$ | 6,7 | 2.5126 |
| | AGZHFE-5871 | $(p+q)/4pq$ | $p = 6 \ q = 7$ | 2.5125 |
| | B92L4H-5871 | $(p+q)/4pq$ | $p=6 \ q=7$ | 2.5126 |
| | ECQVRQ-5871 | $p+q/4pq$ | $p = 6 \ q = 7$ | 2.513 |
| | EQBDMF-5876 | $(p+q)/4pq$ | $p = 6 \ q = 7$ | 2.512 |
| | GVD4PB-5876 | $(p+q)/4pq$ | $p=6 \ q=7$ | 2.513 |
| | HZ7P9K-5871 | $p+q/4pq$ | $p=6 \ q=7$ | 2.512591366 |
| | JAAZFA-5871 | $(a+b)/4ab$ | $a=6 \ b=7$ | 2.513 |
| | M26LKB-5876 | $(p+q)/4pq$ | $p=6 \ q=7$ | 2.5126 |
| | M3KHDA-5876 | $(p+q)/(4pq)$ | $p = 6 \ q = 7$ | 2.5126 |
| | MC8JTJ-5871 | $(.5p+.5q)/2pq$ | $p=6 \ q=7$ | 2.5126 |
| | MRD473-5871 | $(0.5*(A+B))/(2*A*B)$ | $A=6 \ B=7$ | 2.51259 |
| | NHRYWG-5871 | $(p+q)/(4pq)$ | $p = 6 \ q = 7$ | 2.5126 |
| | NJ32K2-5876 | $0.5pq/2pq$ | $p = 6 \ q = 7$ | 0.25 |
| | NNXVH3-5871 | $(p+q)/4pq$ | $p = 6 \ q = 7$ | 2.512 |
| | NYCPWG-5871 | $0.5b+0.5a/2ab$ | $a=6 \ b=7$ | 2.5126 |
| | PY4UD3-5876 | $(1+p+q+2pq)/8pq$ | $p=6; \ q=7$ | 3.83492 |
| | T2682X-5871 | $(p+q)/4pq$ | $p=6 \ q=7$ | 2.512 |
| | TAEY7L-5871 | $(a+b)/4ab$ | $a=6 \ b=7$ | 2.513 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|---|--------------|-------------|-------------------------------|------------------|
| TH01 | TJN9UE-5876 | * | * | 2.435 |
| | VL3HXW-5876 | $(p+q)/4pq$ | $p=6 \ q=7$ | 2.5126 |
| | WKQ6UZ-5871 | $(p+q)/4pq$ | $p=6 \ q=7$ | 2.5126 |
| | WTGN89-5871 | $(p+q)/4pq$ | $p=6 \ q=7$ | 2.5126 |
| Statistical Analysis Summary of TH01 | | | Likelihood Ratio Mode: | 2.5126 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|-------|--------------|------------|---------------|------------------|
| TPOX | 338GMR-5871 | 1/2p | p=9 | 2.5641 |
| | 38J7MN-5871 | 1/2p | p=9 | 2.5641 |
| | 3V3HB3-5871 | 1/2p | p=9 | 2.5641 |
| | 4EGGVQ-5871 | 0.5/p | p = 9 | 2.5641 |
| | 4MZHYN-5871 | 0.5/pa | pa=9 | 2.5641 |
| | 4Q7DV4-5876 | * | * | 2.395 |
| | 4QPZUL-5871 | 1/2p | p=9 | 2.5641 |
| | 83QUEL-5876 | 1/2p | p=9 | 2.5641 |
| | 8AQG4Z-5876 | * | * | 2.395 |
| | 9MNEEJ-5871 | 1/(2q) | q=9 | 2.5641 |
| | 9NQFRW-5871 | 1/2p | p=9 | 2.5641 |
| | ADJXVK-5871 | 0.5/p | 9 | 2.5641 |
| | AGZHFE-5871 | 1/2p | p = 9 | 2.5641 |
| | B92L4H-5871 | 1/2q | q=9 | 2.5641 |
| | ECQVRQ-5871 | 1/2p | p = 9 | 2.564 |
| | EQBDMF-5876 | 1/2p | p = 9 | 2.564 |
| | GVD4PB-5876 | 1/2p | p=9 | 2.564 |
| | HZ7P9K-5871 | 1/2p | p=9 | 2.564102564 |
| | JAAZFA-5871 | 1/2a | a=9 | 2.564 |
| | M26LKB-5876 | 1/2p | p=9 | 2.5641 |
| | M3KHDA-5876 | 0.5/p | p = 9 | 2.5641 |
| | MC8JTJ-5871 | 1/2q | q=9 | 2.5641 |
| | MRD473-5871 | 0.5/A | A=9 | 2.56410 |
| | NHRYWG-5871 | 1/2p | p = 9 | 2.5641 |
| | NJ32K2-5876 | 0.5q/q ^ 2 | p = 8 q = 9 | 2.564102564 |
| | NNXVH3-5871 | 1/(2p) | p = 9 | 2.564 |
| | NYCPWG-5871 | 1/2a | a=9 | 2.5641 |
| | PY4UD3-5876 | (1+p)/4p | p=9 | 1.53205 |
| | T2682X-5871 | 1/2p | p=9 | 2.564 |
| | TAEY7L-5871 | 1/2a | a=9 | 2.564 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|---|--------------|---------|-------------------------------|------------------|
| TPOX | TJN9UE-5876 | * | * | 2.395 |
| | VL3HXW-5876 | 1/2q | q=9 | 2.5641 |
| | WKQ6UZ-5871 | 1/2q | q=9 | 2.5641 |
| | WTGN89-5871 | 1/2p | p=9 | 2.5641 |
| Statistical Analysis Summary of TPOX | | | Likelihood Ratio Mode: | 2.5641 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|-------|--------------|-----------------------|-------------------|------------------|
| vWA | 338GMR-5871 | $(p+q)/(4pq)$ | $p=17 \ q=18$ | 2.7387 |
| | 38J7MN-5871 | $(p+q)/4pq$ | $p=17 \ q=18$ | 2.7387 |
| | 3V3HB3-5871 | $(p+q)/(4pq)$ | $p=17 \ q=18$ | 2.7387 |
| | 4EGGVQ-5871 | $(p+q)/4pq$ | $p = 17 \ q = 18$ | 2.7387 |
| | 4MZHYN-5871 | $(pa+pb)/(4papb)$ | $pa=17 \ pb=18$ | 2.7387 |
| | 4Q7DV4-5876 | * | * | 2.669 |
| | 4QPZUL-5871 | $(p+q)/4pq$ | $p=17 \ q=18$ | 2.7387 |
| | 83QUEL-5876 | $(p+q)/4pq$ | $p=17 \ q=18$ | 2.7387 |
| | 8AQG4Z-5876 | * | * | 2.669 |
| | 9MNEEJ-5871 | $p+q/(4pq)$ | $p = 17 \ q = 18$ | 2.7387 |
| | 9NQFRW-5871 | $(p+q)/(4pq)$ | $p=17 \ q=18$ | 2.7387 |
| | ADJXVK-5871 | $(p+q)/4pq$ | 17,18 | 2.7387 |
| | AGZHF-5871 | $(p+q)/4pq$ | $p = 17 \ q = 18$ | 2.7387 |
| | B92L4H-5871 | $(p+q)/4pq$ | $p=17 \ q=18$ | 2.7387 |
| | ECQVRQ-5871 | $p+q/4pq$ | $p = 17 \ q = 18$ | 2.739 |
| | EQBDMF-5876 | $(p+q)/4pq$ | $p = 17 \ q = 18$ | 2.739 |
| | GYD4PB-5876 | $(p+q)/4pq$ | $p=17 \ q=18$ | 2.739 |
| | HZ7P9K-5871 | $p+q/4pq$ | $p=17 \ q=18$ | 2.738749119 |
| | JAAZFA-5871 | | | 1.000 |
| | M26LKB-5876 | $(p+q)/4pq$ | $p=17 \ q=18$ | 2.7387 |
| | M3KHDA-5876 | $(p+q)/(4pq)$ | $p = 17 \ q = 18$ | 2.7387 |
| | MC8JTJ-5871 | $(.5p+.5q)/2pq$ | $p=17 \ q=18$ | 2.7387 |
| | MRD473-5871 | $(0.5*(A+B))/(2*A*B)$ | $A=17 \ B=18$ | 2.73874 |
| | NHRYWG-5871 | $(p+q)/(4pq)$ | $p = 17 \ q = 18$ | 2.7387 |
| | NJ32K2-5876 | $0.5pq/2pq$ | $p = 17 \ q = 18$ | 0.25 |
| | NNXVH3-5871 | $(p+q)/4pq$ | $p = 17 \ q = 18$ | 2.738 |
| | NYCPWG-5871 | $0.5b+0.5a/2ab$ | $a=17 \ b=18$ | 2.7387 |
| | PY4UD3-5876 | $(1+p+q+2pq)/8pq$ | $p=17; \ q=18$ | 5.18082 |
| | T2682X-5871 | $(p+q)/4pq$ | $p=17 \ q=18$ | 2.738 |
| | TAEY7L-5871 | $(a+b)/4ab$ | $a=17 \ b=18$ | 2.739 |

TABLE 6 - Kinship Likelihood Ratio Results

| Locus | WebCode-Test | Formula | Allele Legend | Likelihood Ratio |
|--|--------------|-------------|-------------------------------|------------------|
| vWA | TJN9UE-5876 | * | * | 2.669 |
| | VL3HXW-5876 | $(p+q)/4pq$ | p=17 q=18 | 2.7387 |
| | WKQ6UZ-5871 | $(p+q)/4pq$ | p=17 q=18 | 2.7387 |
| | WTGN89-5871 | $(p+q)/4pq$ | p=17 q=18 | 2.7387 |
| Statistical Analysis Summary of vWA | | | Likelihood Ratio Mode: | 2.7387 |

Kinship DNA Statistics

Is the relationship of **African American Mother/Daughter** supported by the genetic evidence?

TABLE 7

| WebCode-Test | Kinship Index | Claim Supported? |
|--------------|---|------------------|
| 338GMR-5871 | 10327061622.0810 | Yes |
| 38J7MN-5871 | 1.033E+10 | Yes |
| 3V3HB3-5871 | 10.33 billion | Yes |
| 4EGGVQ-5871 | 10,327,061,622 | Yes |
| 4MZHYN-5871 | 10,326,584,089.30 | Yes |
| 4Q7DV4-5876 | 10 million | Yes |
| 4QPZUL-5871 | 10,327,061,622.0810 | Yes |
| 83QUEL-5876 | 10.3 billion | Yes |
| 8AQG4Z-5876 | 10,000,000 | Yes |
| 9MNEEJ-5871 | 10,330,000,000 | Yes |
| 9NQFRW-5871 | 10.326 billion | Yes |
| ADJXVK-5871 | 10325554384 | Yes |
| AGZHFE-5871 | 10 327 061 622 | Yes |
| B92L4H-5871 | 1.032706162e+010 | Yes |
| ECQVRQ-5871 | 10 billion | Yes |
| EQBDMF-5876 | 10,327,061,622.0810 | Yes |
| GVD4PB-5876 | 1.03E+10 | Yes |
| HZ7P9K-5871 | 10 billion | Yes |
| JAAZFA-5871 | 3,770,722,024 | Yes |
| M26LKB-5876 | 1.0327 E+10 | Yes |
| M3KHDA-5876 | 10327061622.08 | Yes |
| MC8JTJ-5871 | 10,330,000,000 | Yes |
| MRD473-5871 | 10327061622 | Yes |
| NHRYWG-5871 | 10,330,000,000 | Yes |
| NJ32K2-5876 | 37180485.15 | Yes |
| NNXVH3-5871 | 3.755 billion | Yes |
| NYCPWG-5871 | 10,330,000,000 | Yes |
| PY4UD3-5876 | lr=4632737.36; probability = 99,99997841% | Yes |
| T2682X-5871 | 3.755 billion | Yes |

TABLE 7 - Kinship DNA Statistics

| WebCode-Test | Kinship Index | Claim Supported? |
|--------------|----------------|------------------|
| TAEY7L-5871 | 10,332,545,982 | Yes |
| TJN9UE-5876 | 10 Million | Yes |
| VL3HXW-5876 | 10325835243 | Yes |
| WKQ6UZ-5871 | 10327061622 | Yes |
| WTGN89-5871 | 10,326,000,000 | Yes |

| Response Summary | | Participants: 34 |
|---|----|------------------|
| <i>Is the relationship claim of African American Mother/Daughter supported?</i> | | |
| Yes | 34 | |
| No | 0 | |
| Inconclusive | 0 | |

Additional Kinship Statistical Results

TABLE 8

| WebCode-Test | Additional Statistical Results and Relationship Conclusions |
|--------------|---|
| 338GMR-5871 | Two DNA profiles from African American Mother/Daughter relationship were compared by using the allele frequencies assigned for the test loci. There are likely to be Mother/Daughter relationship because probability of kinship index is greater than 99.999999990% |
| 38J7MN-5871 | The DNA findings provide extremely strong evidence to support the hypothesis that the alleged mother is the daughter's biological mother compared to the alternative hypothesis that the alleged mother and the daughter are two presumably unrelated people. |
| 3V3HB3-5871 | Alleged Mother can be included as the biological parent of Child. The shared results between them are 10.33 billion times more likely to be observed if Alleged Mother was the biological parent rather than if they were unrelated. |
| 4MZHYN-5871 | Probability of kinship equals 99.9999999903%. There is a very strong evidence of maternity relationship. |
| 4Q7DV4-5876 | *The likelihood ratios were calculated with the KIn CALc software that uses standard formulae for simple PI's and 2-person KI's that incorporate a theta value of 0.01 with allele probabilities with no rounding and a 1/k prior instead of just x/N. Combined kinship index omits the locus D12S391 due to linkage disequilibrium with vWA. ^ Only GlobalFiler loci used in calculation, additional loci (PentaD, PentaE) not tested at our laboratory. |
| 83QUEL-5876 | For the purposes of this test all loci were included in the statistical interpretation of the sample; however, [Laboratory] normal reporting practices would be to drop D12S391 locus in the statistical calculation. Also, the three major ethnic groups are reported; however, only the African American population was reported in this test. |
| 8AQQ4Z-5876 | *The likelihood ratios were calculated with KInCALc software that used the standard formulae for simple PI's and 2-person KI's that incorporate the theta value of 0.01 with allele probabilities with no rounding and a 1/k prior instead of x/N. The KInCALc software uses the NIST STRBase Population Database. Only one of the vWA/D12S391 loci were used to calculate the combined KI, due to genetic linkage between these two loci. For this scenario, D12S391 was omitted. [Laboratory] does not test for or report Penta D and Penta E loci, therefore those loci were not reported. |
| 9MNEEJ-5871 | Upon comparing the genetic profiles, it was found that they share an allele at each of the genetic markers. Therefore, the "DAUGHTER" sample is NOT EXCLUDED from being a biological child of the "MOTHER" sample, as this genetic finding is 10.33E+9 times more likely if it is from a biological child than from another individual in the reference population. |
| 9NQFRW-5871 | Alleged Parent can be included as the biological parent of Child. The shared results between them are 10.326 billion times more likely to be observed if Alleged Parent was the biological parent rather than if they were unrelated. |
| AGZHFE-5871 | The kinship index is in favor of African American Mother/Daughter relationship rather than unrelated |
| B92L4H-5871 | Upon comparing the obtained genetic profiles, it was found that they share one allele at each genetic marker. Therefore, the sample is not excluded from being that of the biological mother of the reference sample, as it is ten billion three hundred twenty-seven million sixty-one thousand six hundred twenty (1.032706162e+010) times more likely to come from a biological mother than from another individual in the reference population. |
| ECQVRQ-5871 | The sub-population model of Balding and Nichols would normally be used for casework. Product rule formulae displayed in Part III has been used to enable comparison between laboratories and to expected results. For example, using sub-population modelling at D1, the formula would be $((1+2F)/4(F+(1-F)p))$, where theta = 0.02, the kinship index would be 1.488 (compared to 1.583 when product rule is used). |
| EQBDMF-5876 | % Probability of maternity = 99.99999999% |

TABLE 8

| WebCode-Test | Additional Statistical Results and Relationship Conclusions |
|--------------|---|
| JAAZFA-5871 | For inclusionary parentage cases in which alleles are shared in both of genetically linked loci D12S391 and vWA, the laboratory's procedure calls for the lower power of exclusion locus vWA to be dropped from the calculation. Before the linkage correction, a LR of 2.739 was calculated using formula $(a+b)/4ab$ and $a=17$; $b=18$ for locus vWA, with a CLR of 10,327,061,622. |
| MC8JTJ-5871 | The kinship index supports the hypothesis that Daughter is the Daughter of Mother using the reference populations listed. The genotype observed for Daughter is "X" times more likely to occur in a Daughter of Mother than in someone unrelated to Mother from the reference populations listed where "X" equals: African American – 1.1 BILLION, Caucasian – 440 MILLION, Hispanic – 500 MILLION. |
| NHRYWG-5871 | The shared results between Mother and Daughter are 10.33 billion times more likely to be observed if Mother was the biological parent rather than if they were unrelated. |
| NYCPWG-5871 | Item 001.B: Profile - Mother AUTOSOMAL STRs The DNA profile is single source. The kinship index supports the hypothesis that Profile - Mother is the mother of Profile - Daughter using the reference populations listed. The genotype observed for Profile - Mother is "X" times more likely to occur in a mother of Profile - Daughter than in someone unrelated to Profile - Daughter from the reference populations listed where "X" equals: African American – 1.1 Billion, Caucasian – 440 Million, Hispanic – 500 Million. Penta D and Penta E were not used in the statistical calculation for this report since [Laboratory] reports Globalfiler loci using the FBI database allele frequencies. |
| PY4UD3-5876 | Hypothesis 1: Mother and Daughter are related. Hypothesis 2: Mother and Daughter are unrelated. It is 4632737,36 times more likely that Mother and Daughter are related than they are unrelated. Probability of kinship equals 99,99997841%. There is a quite strongly evidence of related. |
| TAEY7L-5871 | Based on the autosomal testing, it is 10,332,545,982 times more likely that the two individuals are mother and daughter rather than unrelated. This corresponds to a probability of 99.9999999903218%. This means that the DNA results obtained do provide evidence for the proposed relationship of mother and daughter. |
| TJN9UE-5876 | * The likelihood ratios shown above were calculated using the Kin CALC software that uses standard formulae for simple PI's and 2-person KI's that incorporate a theta value of 0.01 with allele probabilities with no rounding and a $1/k$ instead of x/N . The combined KI (African American) shown above does not include D12S391. D12S391 was removed due to genetic linkage with vWA. The Penta D and Penta E loci were not calculated as these loci are not tested in this laboratory. |

Additional Comments

TABLE 9

| WebCode-Test | Additional Comments |
|--------------|---|
| 2NAQQ4-5871 | NR = No Result. NT= Not Tested. Our laboratory does not calculate a Paternity Index. Per our SOP, we identify obligate alleles which are used to calculate a "Random Man Not Excluded" (RMNE) statistic. For this case, the obligate alleles were as follows: D3 (16), vWA (18), D16 (11,12), CSF (13), TPOX (8), D8 (12), D21 (31.2), D18 (14,19), D2S441 (11), D19 (15), TH01 (6,8), FGA (21,23), D22 (12), D5 (11), D13 (11), D7 (11), SE33 (20), D10 (15), D1 (12), D12 (16), and D2S1338 (18). RMNE report statement: The expected frequency of individuals who could be the father of known child (Caucasian Son) is less than 1 in 100 billion in the general male population. |
| 3V3HB3-5871 | For Part II, per Laboratory policy: The vWA locus will not be used for statistical calculations when complete profiles are used for kinship comparisons. For the Locus and Combined Paternity Index values, the smallest CPI calculated in Popstats for the selected population groups/ethnicities is reported. Assuming prior probabilities of 10%, 50%, and 90%, the probability of paternity in this case is greater than 99.99%. |
| 4Q7DV4-5876 | *The likelihood ratios were calculated with the KIn CALc software that uses standard formulae for simple PI's and 2-person KI's that incorporate a theta value of 0.01 with allele probabilities with no rounding and a 1/k prior instead of just x/N. Combined kinship index omits the locus D12S391 due to linkage disequilibrium with vWA. |
| 4ZGH9U-5871 | For YSTR, DYS385, we have two systems a and b. We have entered results and separated them with a comma. CURRENTLY, THE LABORATORY DOES NOT DO SIBSHIP |
| 6LQ784-5871 | PI is not calculated when an individual is excluded as the biological father. The laboratory protocol is not to include the D12S391 loci for paternity calculations. The lab does not calculate kinship statistics for YSTR results; therefore YSTR analysis was not performed on the proficiency test. |
| 6WCAGN-5871 | As per the DNA Laboratory's Casework Manual: Because of the higher overall power of discrimination provided by D12S391 as compared to vWA, if results suitable for statistical evaluation are obtained from both loci, D12S391 will be used for statistical evaluation and vWA will not. The smallest statistic of the African-American, Caucasian, and Hispanic populations from the Popstats calculations will be reported. |
| 6YHRFK-5876 | SE33 locus not used in paternity statistics at the [Laboratory]. |
| 6ZBKB4-5871 | According to laboratory policy, the most conservative ethnic group was reported, the Combined Paternity Index value was truncated to two significant figures, and D12S391 was not included in the statistical calculation. |
| 7AFVGT-5871 | NR = No results. Concordance at DYS391 was seen between YF and PPF for Item 2. Concordance at DYS391 was seen between YF and PPF for Item 3. Concordance at DYS391 was seen between YF and PPF for Item 4. |
| 83QUEL-5876 | For the purposes of this test all loci were included in the statistical interpretation of the sample; however, [Laboratory] normal reporting practices would be to drop D12S391 locus in the statistical calculation. |
| 886DW3-5871 | PI is not calculated when an individual is excluded as the biological father. The laboratory protocol is not to include the D12S391 locus for paternity calculations. The laboratory does not calculate kinship statistics for Y-STR results; therefore, Y-STR analysis was not performed in the proficiency test. |

TABLE 9

| WebCode-Test | Additional Comments |
|--------------|---|
| 8AQG4Z-5876 | Part II: Paternity DNA Statistics: The KInCALC software was used to calculate the paternity indices using the standard formulae for simple PI's and 2-person KI's that incorporate a theta value of 0.01 with allele probabilities with no rounding and a 1/k prior instead of x/N. The KInCALC software uses the NIST STRBase Population Database. Only one of the vWA/D12S391 loci were used to calculate the combined KI, due to genetic linkage between the two loci. For this calculation, D12S391 was omitted. Our laboratory does not report the probability of paternity. |
| 9NQFRW-5871 | Part II: For the locus and Combined Paternity Index values, our laboratory protocol is to report the smallest CPI calculated in PopStats of the selected population groups/ethnicities. Assuming prior probabilities of 10%, 50%, and 90%, the probability of paternity in this case is greater than 99.99%. The following locus was not used in the statistical calculation: vWA. Per laboratory policy, the vWA locus will not be used for statistical evaluations when complete profiles are used for kinship comparisons. |
| AAJMKZ-5871 | As per the DNA Casework Manual: Because of the higher overall power of discrimination provided by D12S391 as compared to vWA, if results suitable for statistical evaluation are obtained from both loci, D12S391 will be used for statistical evaluation and vWA will not. Along with the appropriate conclusion ("Paternity Trio" or "Reverse Parentage"), report the smallest statistic of the African-American, Caucasian, and Hispanic populations from the Popstats report. |
| B92L4H-5871 | In our laboratory the results of exclusion are confirmed by reprocessing from original samples. likewise, our internal protocols establish that for cases with results of confirmed exclusion, it is not necessary to perform probability calculations. |
| CC2QKM-5871 | NR= no results, PPF and YF are concordant for 02A, 03A, 04A |
| DXFUHV-5871 | The most conservative statistic (lowest PI or LR) is included in the report (Caucasian). The laboratory does not report out the probability of parentage (%). The laboratory does not do hand calculations for kinship statistics. |
| ELK4CH-5871 | NR = No Results. PowerPlex Fusion and Yfiler concordant at DYS391 for Item 2. PowerPlex Fusion and Yfiler concordant at DYS391 for Item 3. PowerPlex Fusion and Yfiler concordant at DYS391 for Item 4. |
| EMWFET-5871 | Caucasian database used for individual locus PI and Combined used for total PI |
| GNXMAG-5876 | Our laboratory does not produce PI calculations or calculate Kinship DNA statistics. Allelic results that are blank in the boxes indicates that the allele data was not read/accepted by the ANDE 6C Rapid DNA instrument. |
| HEP84A-5871 | As per the DNA Casework Manual: Because of the higher overall power of discrimination provided by D12S391 as compared to vWA, if results suitable for statistical evaluation are obtained from both loci, D12S391 will be used for statistical evaluation and vWA will not. Along with the appropriate conclusion ("Paternity Trio" or "Reverse Parentage"), report the smallest statistic of the African-American, Caucasian, and Hispanic populations from the Popstats report. |
| HW6G4A-5871 | As per the DNA Casework Manual: Because of the higher overall power of discrimination provided by D12S391 as compared to vWA, if results suitable for statistical evaluation are obtained from both loci, D12S391 will be used for statistical evaluation and vWA will not. Along with the appropriate "Kinship" conclusion, report the smallest likelihood ratio of the African-American, Caucasian, and Hispanic populations from the Popstats report |
| HZ7P9K-5871 | NB: Theta not used for PI. Theta would normally be used by our laboratory along with local allele frequency data for criminal matters. |
| JVU29N-5871 | The most conservative statistic (lowest PI or LR) is included in report (Caucasian). The laboratory does not report out the probability of parentage (%). The laboratory does not do hand calculations for kinship statistics. |

TABLE 9

| WebCode-Test | Additional Comments |
|--------------|---|
| LX8L7M-5871 | PI is not calculated when an individual is excluded as the biological father. The laboratory protocol is not to include D12 for paternity calculations. The laboratory does not calculate kinship statistics for Y-STR results; therefore, Y-STR analysis was not performed in the proficiency test. |
| MC8JTJ-5871 | No PI statistics added for item 3 as this individual was excluded. No statistics are calculated per laboratory protocol for individuals that are excluded. |
| MJKVLB-5871 | NR = No result. PowerPlex Fusion and Yfiler were performed on Items 2 - 4. Results are concordant at DYS391. |
| N633X6-5871 | As per the DNA Casework Manual: Because of the higher overall power of discrimination provided by D12S391 as compared to vWA, if results suitable for statistical evaluation are obtained from both loci, D12S391 will be used for statistical evaluation and vWA will not. Along with the appropriate conclusion ("Paternity Trio" or "Reverse Parentage"), report the smallest statistic of the African-American, Caucasian, and Hispanic populations from the Popstats report. |
| NHRYWG-5871 | For Part II: Paternity DNA Statistics, assuming prior probabilities of 10%, 50%, and 90%, the probability of paternity in this case is >99.99%. Per laboratory policy, the vWA locus was not used in the statistical calculation. For the locus and combined Paternity Index (CPI) values, our laboratory protocol is to report the smallest CPI calculated in Popstats of the selected population groups/ethnicities. |
| NJ32K2-5876 | The database used for the paternity statistics has been published in: AA Westen et al. Forensic Sci Int Genet 2014; 10: 55-63. |
| NNXVH3-5871 | Due to the possibility of genetic linkage between the STR loci D12S391 and vWA, the vWA locus is omitted from the Combined Paternity Index calculation/kinship index calculation. |
| NYCPWG-5871 | No PI calculations were reported for Alleged father A (Item 3) since he was excluded as a potential biological father of the child. |
| QCUG9F-5871 | The laboratory does not calculate statistics in the event of an exclusion. Statistics are only calculated for inclusions. |
| RAKQLX-5876 | SE33 loci is not used to calculate statistics at the [Laboratory]. |
| T2682X-5871 | Due to the possibility of genetic linkage between the STR loci D12S391 and vWA, the vWA locus is omitted from the Combined Paternity Index calculation/kinship index calculation. |
| TEAQDX-5871 | As per the DNA Casework Manual: "Because of the higher overall power of discrimination provided by D12S391 as compared to vWA, if results suitable for statistical evaluation are obtained from both loci, D12S391 will be used for statistical evaluation and vWA will not. Along with the appropriate conclusion ("Paternity Trio" or "Reverse Parentage"), report the smallest statistic of the African-American, Caucasian, and Hispanic populations from the Popstats report." |
| TJN9UE-5876 | The paternity indexes (PI) were calculated with the KinCalc software that uses standard formulae for simple PI's that incorporate a theta value of 0.01 with allele probabilities with no rounding and a 1/KI instead of just X/N. The KinCalc software uses the NIST STRBase population database. The combined KI (Caucasian) is only calculated to 2 significant figures by the KinCalc software and does not include the D12S391 locus. The D12S391 locus was removed due to linkage with the vWA locus. |
| VL3HXW-5876 | 1-We used PowerPlex CS7 system from Promega as additional kit. 2-Individual PI missing in PowerPlex CS7 system is due to in availability of related frequency. |
| WTGN89-5871 | For part II, the locus vWA was not used in the statistical calculation. The probability of paternity was calculated assuming prior probabilities of 10%, 50% and 90%. |

TABLE 9

| WebCode-Test | Additional Comments |
|--------------|---|
| XHWYNU-5871 | As per the DNA Casework Manual: Because of the higher overall power of discrimination provided by D12S391 as compared to vWA, if results suitable for statistical evaluation are obtained from both loci, D12S391 will be used for statistical evaluation and vWA will not. Along with the appropriate conclusion ("Paternity Trio" or "Reverse Parentage"), report the smallest statistic of the African-American, Caucasian, and Hispanic populations from the Popstats report. |
| YQ7M2T-5871 | "As per the DNA Casework Manual: Because of the higher overall power of discrimination provided by D12S391 as compared to vWA, if results suitable for statistical evaluation are obtained from both loci, D12S391 will be used for statistical evaluation and vWA will not. Along with the appropriate conclusion ("Paternity Trio" or "Reverse Parentage"), report the smallest statistic of the African-American, Caucasian, and Hispanic populations from the Popstats report." |
| Z47LPP-5876 | SE33 not used for statistics in laboratory procedure. |

-End of Report-
(Appendix may follow)

Collaborative Testing Services ~ Forensic Testing Program

Test No. 24-5871: DNA Parentage

DATA MUST BE SUBMITTED BY **July 29, 2024, 11:59 p.m. EDT** TO BE INCLUDED IN THE REPORT

Participant Code: U1234A

WebCode: 7Q474V

The Accreditation Release section can be accessed by using the "Continue to Final Submission" button above. This information can be entered at any time prior to submitting to CTS.

Scenario:

A paternity case has been presented to your laboratory. Blood standards have been collected from the mother, son, and two alleged fathers. Your laboratory is tasked with examining the blood standards and comparing the DNA profiles.

Items Submitted (Sample Pack DPF2 - FTA™ Micro Cards):

- Item 1: Blood Sample from Known Parent (Caucasian Mother)
- Item 2: Blood Sample from Known Child (Caucasian Son)
- Item 3: Blood Sample from Alleged Father A (Caucasian)
- Item 4: Blood Sample from Alleged Father B (Caucasian)

DNA REPORTING 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. "14,14", "14,-", "14") and null responses
- PI = Paternity Index
- If your laboratory does not produce PI calculations, record your explanation within the Part IV: Additional comments section.

| Example | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 |
|---------|---------|---------|--------|---------|--------|
| STR | 15,18 | 12,17 | 10 | 14 | 5,13 |
| PI | 1.65 | 3.01 | 3.16 | 4.12 | 5.65 |

Part I: DNA Analysis for Item 1

STR Amplification Kit(s) Used:

Please check all the brands that apply for this item and record only additional kit specific information in the blank provided (i.e. 16, Plus, Direct, HS, Fusion, etc.).

Identifiler®
 GlobalFiler™
 Investigator® 24plex
 PowerPlex®
 Other

Report the Paternity Software used (if applicable):

Alleles below are sorted in Default order.

| | | | | | | |
|------|---------|---------|----------|----------|------------|---------|
| ITEM | D1S1656 | D2S1338 | D2S441 | D3S1358 | D5S818 | D6S1043 |
| 1 | | | | | | |
| ITEM | D7S820 | D8S1179 | D10S1248 | D12S391 | D13S317 | D16S539 |
| 1 | | | | | | |
| ITEM | D18S51 | D19S433 | D21S11 | D22S1045 | Amelogenin | CSF1PO |
| 1 | | | | | | |
| ITEM | FGA | Penta D | Penta E | SE33 | TH01 | TPOX |
| 1 | | | | | | |
| ITEM | vWA | DYS391 | DYS570 | DYS576 | Y Indel | |
| 1 | | | | | | |

Part I (continued): DNA Analysis - Additional DNA

- Use this section to report results for loci not currently listed in other sections of the data sheet.
- Report alleles in numerical order, separated by a comma.
- Click "Add Row" to show another row of boxes for entry.

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

Part II: PATERNITY DNA STATISTICS

Select which of the alleged fathers below cannot be excluded as the biological parent of the child (Item 2) and answer the remaining questions based on your selection.

- Item 3 - Alleged Father A Item 4 - Alleged Father B

For the selected alleged parent, please utilize your own lab protocols regarding ethnicity and choose one of the following population databases for all statistical calculations in this test:

1. **FBI Popstats:** If FBI Popstats is already available in your laboratory then you may select that option, otherwise use the population database below.
2. **NIST-STRBASE** is a publicly available U.S. population dataset at STRBASE on the following NIST web site: https://strbase.nist.gov/Information/NIST_Population_Data#1036LB
 - a. On the NIST web site, access the population database by selecting the hyperlink labeled "Revised allele frequencies file" under the title "Autosomal STRs: NIST U.S. Population Dataset (n = 1036)."
3. If you are unable to use one of the suggested population databases, report the population database used in the blank provided next to the 'Other Pop. Database' option. Due to the tendency for allele frequencies to vary amongst different databases, no consensus value will be determined for this option. When reporting a population database name, please refrain from using terms that would allude to a laboratory specific name or location; general terms such as 'local/state database' or 'laboratory specific database' are preferred.
4. If you did not calculate paternity statistics, please provide an explanation in your additional comments.

1. Choose a Population Database:

- FBI Popstats Pop. Database: NIST STRBASE Pop. Database:

Other Pop. Database:

2. Record the Combined Paternity Index value:

3. Record the Probability of Paternity:

Part III: KINSHIP DNA STATISTICS

Complete the following Kinship DNA Statistics section, if applicable to your laboratory, using the instructions below.

- Use the provided scenario for context.
- Use the supplied allele frequencies for calculations (adopted from the NIST STRBASE database).
- Only test the relationship in question (eg. half siblings versus unrelated).
- Complete the entire table including the formula used in the calculation and the allele legend.
- Report a minimum of four significant figures in your likelihood ratio values.

Example: Questioned Half Sibling Relationship

| Locus | Profile A | Profile B | Allele Frequencies | | Formula Used | Allele Legend | Likelihood Ratio |
|-------|-----------|-----------|--------------------|------------|-------------------|------------------|------------------|
| FGA | 18, 26 | 18, 26 | 18: 0.0249 | 26: 0.0263 | $(p+q+4pq) / 8pq$ | p = 18 q = 26 | 10.27 |
| | | | | | | | |
| vWA | 14, 15 | 14, 17 | 14: 0.0928 | 15: 0.1053 | $(1+4p)/8p$ | p = 14 | 1.847 |
| | | | 17: 0.1053 | | | | |

Scenario:

The two DNA profiles below are presented as a potential African American Mother/Daughter relationship. Using the allele frequencies shown for the tested loci, calculate the likelihood ratio for support of the proposed relationship versus being unrelated.

| Locus | Mother | Daughter | Allele Frequencies | | Formula Used | Allele Legend | Likelihood Ratio |
|---------|--------|----------|--------------------|------------|----------------------|----------------------|----------------------|
| D1S1656 | 15,16 | 11,15 | 11: 0.0453 | 15: 0.1579 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | | 16: 0.1096 | | | | |
| D2S1338 | 23,23 | 20,23 | 20: 0.1038 | 23: 0.1038 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | | | | | | |
| D2S441 | 11,12 | 11,11 | 11: 0.3626 | 12: 0.1652 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | | | | | | |
| D3S1358 | 15,16 | 15,17 | 15: 0.3085 | 16: 0.3187 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | | 17: 0.2120 | | | | |
| D5S818 | 12,13 | 13,13 | 12: 0.3684 | 13: 0.2237 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | | | | | | |

| Locus | Mother | Daughter | Allele Frequencies | | Formula Used | Allele Legend | Likelihood Ratio |
|----------|-----------|----------|--------------------|--------------|----------------------|----------------------|----------------------|
| | | | | | | | |
| D7S820 | 8,13 | 8,11 | 8: 0.2281 | 11: 0.2032 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | | 13: 0.0146 | | | | |
| D8S1179 | 11,16 | 11,11 | 11: 0.0526 | 16: 0.0643 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | | | | | | |
| D10S1248 | 13,14 | 12,14 | 12: 0.1301 | 13: 0.2339 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | | 14: 0.2763 | | | | |
| D12S391 | 19,25 | 19,19 | 19: 0.1477 | 25: 0.0088 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | | | | | | |
| D13S317 | 11,11 | 8,11 | 8: 0.0278 | 11: 0.3099 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | | | | | | |
| D16S539 | 11,12 | 12,12 | 11: 0.3143 | 12: 0.2047 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | | | | | | |
| D18S51 | 14,17 | 14,14 | 14: 0.0716 | 17: 0.1520 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | | | | | | |
| D19S433 | 15.2,15.2 | 13,15.2 | 13: 0.2456 | 15.2: 0.0614 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | | | | | | |
| D21S11 | 29,32.2 | 29,29 | 29: 0.2047 | 32.2: 0.0614 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | | | | | | |
| D22S1045 | 16,17 | 15,17 | 15: 0.2515 | 16: 0.1915 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | | 17: 0.2091 | | | | |

| Locus | Mother | Daughter | Allele Frequencies | | Formula Used | Allele Legend | Likelihood Ratio |
|--------|-----------|-----------|--------------------|--------------|----------------------|----------------------|----------------------|
| CSF1PO | 11,13 | 11,12 | 11: 0.2485 | 12: 0.2953 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | | 13: 0.0468 | | | | |
| FGA | 21,22 | 21,26 | 21: 0.1228 | 22: 0.1988 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | | 26: 0.0702 | | | | |
| PentaD | 9,9 | 9,9 | 9: 0.1681 | | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | | | | | | |
| PentaE | 11,11 | 11,15 | 11: 0.0643 | 15: 0.0556 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | | | | | | |
| SE33 | 28.2,31.2 | 22.2,31.2 | 22.2: 0.0044 | 28.2: 0.0453 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | | 31.2: 0.0161 | | | | |
| TH01 | 6,7 | 6,7 | 6: 0.1316 | 7: 0.4079 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | | | | | | |
| TPOX | 8,9 | 9,9 | 8: 0.3680 | 9: 0.1950 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | | | | | | |
| vWA | 17,18 | 17,18 | 17: 0.2354 | 18: 0.1491 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | | | | | | |

1. Evaluate the profiles above and record the kinship index.

2. Is the relationship of African American Mother/Daughter supported by the genetic evidence?

3. Use the space provided to document any additional statistical results and relationship conclusions.

***Please note:** Any additional formatting applied in the free form space below will not transfer to the Summary Report and may cause your information to be illegible. This includes additional spacing and returns that present your responses in lists and tabular formats.*

Part IV: ADDITIONAL COMMENTS
Comments regarding any part of this Test.

Please note: Any additional formatting applied in the free form space below will not transfer to the Summary Report and may cause your information to be illegible. This includes additional spacing and returns that present your responses in lists and tabular formats.

RELEASE OF DATA TO ACCREDITATION BODIES

The Accreditation Release is accessed by pressing the "Continue to Final Submission" button online and can be completed at any time prior to submission to CTS.

CTS submits external proficiency test data directly to ANAB and/or A2LA. Please select one of the following statements to ensure your data is handled appropriately.

- This participant's data is intended for submission to ANAB and/or A2LA. (Accreditation Release section below must be completed.)
- This participant's data is **not** intended for submission to ANAB and/or A2LA.

Have the laboratory's designated individual complete the following steps **only if your laboratory is accredited in this testing/calibration discipline** by one or more of the following Accreditation Bodies.

Step 1: Provide the applicable Accreditation Certificate Number(s) for your laboratory.

ANAB Certificate No.

A2LA Certificate No.

Step 2: Complete the Laboratory Identifying Information in its entirety.

Authorized Contact Person and Title

Laboratory Name

Location (City/State)