



Forensic Biology Test No. 20-5702 Summary Report

Each participant received a sample pack consisting of two known bloodstains and two questioned stains which they were requested to analyze using their existing protocols. Data were returned from 734 participants and are compiled into the following tables:

	<u>Page</u>
<u>Manufacturer's Information</u>	<u>2</u>
<u>Summary Comments</u>	<u>5</u>
<u>Key to Screening Results</u>	<u>6</u>
<u>Table 1: Serology Screening Results</u>	<u>7</u>
<u>Table 2: STR Amplification Kit(s) & Results</u>	<u>66</u>
<u>Table 3: YSTR Amplification Kit(s) & Results</u>	<u>520</u>
<u>Table 4: Additional DNA Results</u>	<u>608</u>
<u>Table 5: Mitochondrial DNA Results, HVRI</u>	<u>610</u>
<u>Table 6: Mitochondrial DNA Results, HVRII</u>	<u>615</u>
<u>Table 7: DNA Interpretations</u>	<u>620</u>
<u>Table 8: Additional Comments</u>	<u>635</u>
<u>Appendix: Data Sheet</u>	

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

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

Manufacturer's Information

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

SAMPLE PREPARATION: The stains on Items 1, 2, and 4 were prepared using human whole blood which was either drawn into citric acid preservative bags or EDTA tubes. The stain in Item 3 was a mixture prepared from human whole blood and semen. The semen sample was first thawed and mixed 1:1 with TAE buffer, then mixed 1:1 with the blood. Items 1 (75 μ l) and 4 (50 μ l) were created using blood collected from the same female donor. Item 2 (75 μ l) was created using blood collected from a male donor. Item 3 (50 μ l) was created using a 1:1 mixture of blood from the female donor found in Item 1 and semen from the same male donor used for Item 2. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on March 3, 2020 following completion of the verification stage.

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

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

Manufacturer's Information, continued

Amelogenin and STR Results						
Results compiled from predistribution laboratories and a consensus of at least 10 participants.						
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
1	13,14	21,26	11,14	15,15	8,13	*
	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17	NM	NM	NM	NM	
2	12,18.3	17,18	12,14	16,19	13,14	*
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18	2	
3-Blood	13,14	21,26	11,14	15,15	8,13	*
	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17	NM	NM	NM	NM	
3-Semen	12,18.3	17,18	12,14	16,19	13,14	*
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18	2	
4	13,14	21,26	11,14	15,15	8,13	*
	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17	NM	NM	NM	NM	

YSTR Results										
Results compiled from predistribution laboratories and a consensus of at least 10 participants.										
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4	
2	35,36	14	11,14	14	30	23	11	13	13	
	15	11	12	18	31	16	17	11	22	
	37	12	13	17	18	21	25	9	12	
3-Semen	35,36	14	11,14	14	30	23	11	13	13	
	15	11	12	18	31	16	17	11	22	
	37	12	13	17	18	21	25	9	12	

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

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

Manufacturer's Information, continued

Mitochondrial DNA Sequencing Results

Nucleotide Ranges Tested

The nucleotide ranges provided below represent the range tested by a minimum of 75% of participants.

<u>Item</u>	<u>HVR-II</u>	<u>HVR-I</u>
1	66-380	16024-16374
2	65-385	16024-16374
4	64-385	16024-16383

Deviations HVR-II, HVR-I

The base deviations presented here are the consensus of results reported by at least ten participants. These results may not represent all base deviations reported by every participant due to the specific nucleotide ranges sequenced by individual participants.

	195.0	263.0	309.1	315.1	524.1	524.2	16220.0	16293.0	16311.0
ITEM 1	C	G	C	C	A	C	G	G	C

	239.0	263.0	309.1	309.2	315.1	16362.0
ITEM 2	C	G	C	C	C	C

	195.0	263.0	309.1	315.1	16220.0	16293.0	16311.0
ITEM 4	C	G	C	C	G	G	C

Summary Comments

The 20-5702 Forensic Biology test was designed to allow participants to assess their proficiency in the identification and comparison of dried stains by means of body fluid screening and/or DNA profiling. Participants were supplied with two "known" bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Items 1 and 4 were created using blood from the same female donor. Item 2 was created using blood from a male donor. Item 3 was created using a mixture of blood from the female donor found in Item 1 and semen from the same male donor used in Item 2. (See Manufacturer's Information for preparation details)

Data were returned by 734 participants.

Screening Test Results:

Screening results were returned by a total of 668 participants. However, not all of these participants returned screening results for all fluids (blood, semen, saliva) for both questioned items, which explains the large differences in the tallies discussed below.

For Item 3, all 659 participants that returned results reported "Positive" for the presence of blood. For the presence of semen, 641 participants reported "Positive" results and one participant reported "Negative" results. For the presence of saliva, 158 participants reported "Negative" results and two participants reported "Inconclusive" results.

For Item 4, all 659 participants that returned results reported "Positive" for the presence of blood. All of the 625 participants that returned results for semen reported "Negative" results. All of the 143 participants that returned results for saliva reported "Negative" results.

DNA Analysis Results:

Of the 673 participants that returned results, 629 reported DNA interpretations. Of the forty-four participants that did not provide DNA Interpretations, 35 stated that the samples were only analyzed for database purposes, and nine selected the "No Interpretations" option individually for all Interpretation questions.

For the Item 3 stain, the breakdown is as follows: all but six of the participants that reported interpretations included the victim (Item 1) as a possible contributor. These six participants were inconclusive as to whether the victim (Item 1) was a contributor to the stain. All but twelve of the participants included the suspect (Item 2) as a possible contributor. Six participants excluded the suspect (Item 2) as a possible contributor and six participants were inconclusive as to whether the suspect was a contributor to the stain. All participants who did not include the victim (1) or suspect (2) as contributors to Item 3 only reported mitochondrial results and did not perform this testing on the Item 3 mixture.

For the Item 4 stain, the breakdown is as follows: all of the participants that reported interpretations included the victim (Item 1) as a possible contributor and excluded the suspect (Item 2).

A total of 307 participants reported the use of Probabilistic Genotyping (PG) software on either solely the questioned items or all four items. The majority of participants reporting the use of PG software stated in their additional comments that stutter peaks may be included in the DNA results. Of these participants, 104 reported additional alleles compared to the consensus/predistribution results for one or more of the questioned items.

Forty-eight additional participants reported allelic responses that differed from the consensus/predistribution results for one or more items. The breakdown of inconsistencies is as follows: 29 reported additional alleles, ten were missing alleles, and nine reported allelic results that differed from the consensus. Based on the interpretations above, these inconsistencies did not appear to affect these participants' conclusions.

Key for Screening Tests Used

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

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

Serology Screening Results

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

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
2278RG					
Item 3	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
23EPHZ					
Item 3	Pos	KM	Pos ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
24DG69					
Item 3	Pos	LMG	Pos AP, Micro	NT	
Item 4	Pos	LMG	Neg AP	NT	
27FN27					
Item 3	Pos	KM, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
286YRY					
Item 3	Pos	ABA Heme	Pos PSA, Micro	NT	
Item 4	Pos	ABA Heme	Neg PSA, Micro	NT	
2DVF34					
Item 3	Pos	KM, HemaTrace	Pos PSA	Neg RSID	Male DNA, Pos Y-Screening
Item 4	Pos	KM, HemaTrace	Neg PSA	Neg RSID	Male DNA, Neg Y-Screening
2DWZGR					
Item 3	Pos	LMG	Pos ALS, AP, Micro	NT	
Item 4	Pos	LMG	Neg ALS, AP	NT	
2E7DFK					
Item 3	Pos	KM	Pos AP, Micro	Neg Phadebas	
Item 4	Pos	KM	NT	NT	
2EP78H					
Item 3	Pos	LMG, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP, PSA, Micro	NT	
2F4HFN					
Item 3	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
2F8XUA					
Item 3	Pos	KM	Pos ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
2HNFK6					
Item 3	Pos	KM, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
2JZB6C					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
2KX868					
Item 3	Pos	LMG	Pos AP, PSA, ALS	NT	Human Blood, Pos RSID-Blood
Item 4	Pos	LMG	Neg AP, ALS	NT	Human Blood, Pos RSID-Blood
2PQF7T					
Item 3	Pos	KM	Pos AP, PSA	Neg Phadebas	Blood, Pos HemaTrace
Item 4	Pos	KM	Neg AP, PSA	Neg Phadebas	Blood, Pos HemaTrace
2UKA4U					
Item 3	Pos	KM, O-tol	Pos AP, PSA, Micro	Neg Amylase	
Item 4	Pos	KM	Neg PSA, Micro	Neg Amylase	Semen, Inc AP
2VWAZN					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
2WD7TN					
Item 3	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
2YFDLZ					
Item 3	Pos	KM	Pos ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
2YYWUT					
Item 3	Pos	KM	Pos ALS, AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM	Neg ALS, AP, Micro, PSA	Neg Phadebas	
2ZAWQM					
Item 3	Pos	LMG, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP, Micro	NT	
2ZPBZH					
Item 3	Pos	PHT, HemaTrace	Pos ALS, AP, Micro, p30	NT	
Item 4	Pos	PHT, HemaTrace	Neg ALS, AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
3233TY					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
34496J					
Item 3	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
349NHK					
Item 3	Pos	KM, HEM Direct	Pos AP, Micro, PSA	NT	Y-Screening, Pos Promega Casework Direct Kit
Item 4	Pos	KM, HEM Direct	Neg AP	NT	Y-Screening, Neg Promega Casework Direct Kit
36GMTT					
Item 3	Pos	KM, Hemdirect	Pos ALS, AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, Hemdirect	Neg ALS, AP, Micro, PSA	Neg Phadebas	
36XY9D					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
37BLTD					
Item 3	Pos	PTMB	Pos ALS, AP, Micro	NT	
Item 4	Pos	PTMB	Neg ALS, AP	NT	
39KGTJ					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
3B7D2A					
Item 3	Pos	PTMB	Pos ALS, AP, Micro	NT	
Item 4	Pos	PTMB	Neg ALS, AP	NT	
3CKMCV					
Item 3	Pos	KM, HemaTrace	Pos AP, p30, Micro	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
3FC6YL					
Item 3	Pos	KM	Pos ALS, PSA, Micro	NT	
Item 4	Pos	KM	Neg ALS	NT	
3MJH7K					
Item 3	Pos	TMB	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
3NANMB					
Item 3	Pos	KM, HemaTrace	Pos ALS, TPMP, p30, Micro	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, TPMP, p30, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
3NUEMH					
Item 3	Pos	KM	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos	KM	Neg ALS, AP, PSA, Micro	NT	
3TJQN7					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP	NT	
3VQ2MV					
Item 3	Pos	KM	Pos AP, PSA, Micro	Inc	RSID
Item 4	Pos		Neg AP, PSA	NT	
3YUZXM					
Item 3	Pos	KM, ABA card	Pos AP, Micro	NT	
Item 4	Pos	KM, ABA card	Neg AP, Micro	NT	
44HUG7					
Item 3	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
44KKMP					
Item 3	Pos	KM, HemaTrace	Pos ALS, AP, Micro, p30	Neg	SALlgAE
Item 4	Pos	KM, HemaTrace	Neg ALS, AP, Micro, p30	Neg	SALlgAE
44Z48L					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
47LU9Q					
Item 3	Pos	KM	Pos AP, Micro, PSA	NT	
Item 4	Pos	KM	Neg AP	NT	
48J8UX					
Item 3	Pos	KM	Pos ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
48KVG4					
Item 3	Pos	KM, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
49EQXK					
Item 3	Pos	LMG, HT	Pos AP, Micro	NT	
Item 4	Pos	LMG, HT	Neg AP, Micro	NT	
49T8Y6					
Item 3	Pos	KM, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
4AA2YF					
Item 3	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	Species Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
4ARBQV					
Item 3	Pos	KM, HemDirect	Pos AP	NT	
Item 4	Pos	KM, Hemdirect	Neg AP	NT	
4BYFHX					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
4EZGKF					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
4FYL2A					
Item 3	Pos	KM	Pos AP, p30, Micro for Sperm, ALS	NT	
Item 4	Pos	KM	Neg AP, p30, Micro for Sperm, ALS	NT	
4JCGPK					
Item 3	Pos	KM	Pos PSA, Microscopic	NT	
Item 4	Pos	KM	Neg PSA, Microscopic	NT	
4K79VY					
Item 3	Pos	PTMB, HemaTrace	Pos ALS, AP, PSA, Micro	Neg Phadebas Tablet	Urine, Neg Uritrace
Item 4	Pos	PTMB, HemaTrace	Neg ALS, AP, PSA	Neg Phadebas Tablet	Urine, Neg Uritrace
4K8ACQ					
Item 3	Pos	KM, LMG, HemaTrace	Pos ALS, AP, PSA, Micro	Neg SALlgAE	
Item 4	Pos	KM, LMG, HemaTrace	Neg ALS, AP, PSA, Micro	Neg SALlgAE	
4MFD9M					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
4MVLBV					
Item 3	Pos	KM, HemaTrace	Pos AP, Micro	Neg RSID	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
4N7K8Q					
Item 3	Pos	KM, LMG, HemaTrace	Pos ALS, AP, PSA, Micro	Neg Saligae	
Item 4	Pos	KM, LMG, HemaTrace	Neg ALS, AP, PSA	Neg Saligae	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
4PYGUY					
Item 3	Pos	KM & HemaTrace	Pos ALS, AP, PSA, Micro	Neg	Radial Diffusion
Item 4	Pos	KM & HemaTrace	Neg ALS, AP, PSA, Micro	Neg	Radial Diffusion
4R9CP4					
Item 3	Pos	LMG, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
4T386K					
Item 3	Pos	TMB, PHT	Pos ALS, AP, Micro, PSA	NT	Species Origin Determination, Pos HemaTrace
Item 4	Pos	TMB, PHT	Neg ALS, AP	NT	Species Origin Determination, Pos HemaTrace
4T4Z4T					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro, PSA	NT	
4UWXAE					
Item 3	Pos	O-tol	Pos AP, Micro, PSA, ALS	Neg	Seratec Amylase
Item 4	Pos	O-tol, HemDirect	Neg AP, ALS	NT	
4VNUWM					
Item 3	Pos	KM, Hemastix	Pos ALS, AP, PSA	NT	
Item 4	Pos	KM, Hemastix	Neg ALS, AP, PSA	NT	
4XCJ47					
Item 3	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
64D2UH					
Item 3	Pos	LMG, HT	Pos ALS, AP, Micro	NT	
Item 4	Pos	LMG, HT	Neg ALS, AP, Micro	NT	
66ADVD					
Item 3	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
67JH92					
Item 3	Pos	KM, hemdirect	Pos AP	NT	
Item 4	Pos	KM, hemdirect	Neg AP	NT	
69BDXV					
Item 3	Pos	Luminol, Phenolphthalin	Pos ALS, AP, Micro	Neg	Amylase Diffusion
Item 4	Pos	Luminol, Phenolphthalin, HemDirect	Neg ALS, AP, Micro	Neg	Amylase Diffusion

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
6A68TE						
Item 3	Pos	KM, HemaTrace	Pos	ALS, AP, Micro, PSA	NT	
Item 4	Pos	KM, HemaTrace	Neg	ALS, AP	NT	
6AKHBJ						
Item 3	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg Phadebas	
6CCGPH						
Item 3	Pos	KM	Pos	Micro, PSA	NT	
Item 4	Pos	KM	Neg	Micro, PSA	NT	
6CCLZK						
Item 3	Pos	KM	Pos	ALS, AP, PSA, Micro	NT	Human (HemaTrace), Pos RSID
Item 4	Pos	TMB	Neg	ALS, AP, Micro	NT	Human (HemaTrace), Pos RSID
6D4DEC						
Item 3	Pos	TMB, Takayama, HemaTrace	Pos	AP, PSA, Micro, ALS	NT	
Item 4	Pos	TMB, Takayama, HemaTrace	Neg	ALS	NT	
6D4MXV						
Item 3	Pos	KM	Pos	AP, Micro	NT	
Item 4	Pos	KM	Neg	AP, Micro	NT	
6DKU8J						
Item 3	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg Phadebas	
6F7K9N						
Item 3	Pos	KM, HemaTrace	Pos	ALS, AP, Micro, PSA	Neg ALS, Phadebas	
Item 4	Pos	KM, HemaTrace	Neg	ALS, AP, Micro, PSA	Neg ALS, Phadebas	
6G4XTV						
Item 3	Pos	KM	Pos	ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg	ALS, AP, Micro	NT	
6JB4GH						
Item 3	Pos	KM, HB	Pos	AP, Micro, PSA	NT	Y-Screening, Pos Promega Casework Direct Kit
Item 4	Pos	KM, HB	Neg	AP, Micro, PSA	NT	Y-Screening, Neg Promega Casework Direct Kit
6K387H						
Item 3	Pos	TMB, HemaTrace	Pos	AP, Micro, PSA, ALS	NT	
Item 4	Pos	TMB, HemaTrace	Neg	AP, ALS	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
6KFNB	Item 3	Pos KM	Pos AP, Mirco		
	Item 4	Pos KM			
6LU94U	Item 3	Pos KM	Pos ALS, AP, Micro	NT	
	Item 4	Pos KM	Neg ALS, AP	NT	
6M8VMT	Item 3	Pos KM, Hemdirect	Pos AP, Micro	NT	
	Item 4	Pos KM, Hemdirect	Neg AP	NT	
6QWV3	Item 3	Pos LMG, HemaTrace	Pos AP, PSA, Micro	NT	
	Item 4	Pos LMG, HemaTrace	Neg AP	NT	
6R6ABJ	Item 3	Pos KM	Pos Micro, PSA	NT	
	Item 4	Pos KM	Neg Micro, PSA	NT	
6RKHDR	Item 3	Pos KM, HemDirect	Pos ALS, AP, Micro, PSA	Neg Phadebas	
	Item 4	Pos KM, HemDirect	Neg ALS, AP	Neg Phadebas	
6TY373	Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	NT	
	Item 4	Pos KM, HemaTrace	Neg AP	NT	
6UCE3L	Item 3	Pos KM, Hemastix	Pos ALS, AP, PSA	NT	
	Item 4	Pos KM, Hemastix	Neg ALS, AP, PSA	NT	
6WZ49K	Item 3	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
	Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
7268UC	Item 3	Pos TMB	Pos ALS, AP, Micro, PSA	NT	Species Origin, Pos HemaTrace
	Item 4	Pos TMB	Neg ALS, AP	NT	Species Origin HemaTrace
74V7AV	Item 3	Pos KM	Pos ALS, AP, Micro	Neg ALS, Phadebas	Human DNA detected, Pos Quantifiler Trio
	Item 4	Pos KM	Neg ALS, AP, Micro	Neg ALS, Phadebas	Human DNA detected, Pos Quantifiler Trio

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
79TMMP					
Item 3	Pos KM		Pos ap, p30 (PSA)	Neg amy(phadebas)	CT(Micro), Neg See notes
Item 4	Pos KM		Neg CT(Micro), p30(PSA)	Neg amy(phadebas)	AP, Inc see notes
7C7HBZ					
Item 3	Pos HD		Pos PSA, Micro	NT	
Item 4	Pos HD		Neg PSA, Micro	NT	
7CTXHP					
Item 3	Pos KM		Pos AP, PSA, Mico(CT, SH)	Neg Phadebas	Screen for male DNA, Pos NaOH Y Screen
Item 4	Pos KM		Neg Micro(CT), PSA	Neg Phadebas	Semen/Screen for male DNA, Inc AP(Inconclusive)/NaOH Y Screen(Negative)
7GE2Y8					
Item 3	Pos PH, HemaTrace		Pos AP, p30, SS	Neg Phadebas	
Item 4	Pos PH, HemaTrace		Neg AP	Neg Phadebas	
7GJ9TN					
Item 3	Pos KM		Pos AP and Micro	Neg RSID	
Item 4	Pos KM		Neg AP and Micro	Neg RSID	
7GZNV					
Item 3	Pos PTMB, HemaTrace		Pos AP, PSA, Micro	NT	Urine, Neg Uritrace
Item 4	Pos PTMB		Neg AP, PSA	NT	
7HC7XA					
Item 3	Pos KM		Pos AP, PSA, Micro	NT	
Item 4	Pos KM		Neg AP, PSA, Micro	NT	
7HGHL7					
Item 3	Pos TMB, IR		Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB, IR		Neg ALS, AP	NT	
7MRQT2					
Item 3	Pos KM		Pos AP, Micro		
Item 4	Pos KM		Neg AP		
7R4UJ4					
Item 3	Pos KM		Pos AP, Micro	NT	
Item 4	Pos KM		Neg AP	NT	
7RKVKK					
Item 3	Pos KM, HemaTrace		Pos ALS, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace		Neg ALS, PSA, Micro	Neg Phadebas	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
7RZ2XP					
Item 3	Pos	KM	Pos AP, Micro, PSA	NT	
Item 4	Pos	KM	Neg AP	NT	
7U98JQ					
Item 3	Pos	KM, O-tol	Pos AP, Micro, PSA	Neg Amylase	
Item 4	Pos	KM	Neg Micro, PSA	Neg Amylase	Inc AP
7X9FNZ					
Item 3	Pos	KM	Pos AP	NT	
Item 4	Pos	KM	Neg AP	NT	
7XNY8X					
Item 3	Pos	KM	Pos AP	NT	
Item 4	Pos	KM	Neg AP	NT	
7XQB8M					
Item 3	Pos	KM, HemDirect	Pos ALS, AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, HemDirect	Neg ALS, AP	Neg Phadebas	
7YZCCU					
Item 3	Pos	KM	Pos ALS, AP, Micro	Neg Amylase Diffusion	
Item 4	Pos	KM, HemDirect	Neg ALS, AP, Micro	Neg Amylase Diffusion	
7Z9VRH					
Item 3	Pos	LMG, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP, Micro	NT	
84R6KF					
Item 3	Pos	LMG	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos	LMG	Neg ALS, AP	NT	
86KZ2W					
Item 3	Pos	KM	Pos AP, PSA	NT	Human Origin, Pos PowerQuant
Item 4	Pos	KM	Neg AP	NT	Human Origin, Pos PowerQuant
87GC27					
Item 3	Pos	KM, HemaTrace	Pos AP, p30, ALS, Micro	NT	
Item 4	Pos	KM, HemaTrace	Neg AP, p30, ALS, Micro	NT	
88M7CW					
Item 3	Pos	LMG, RSID	Pos AP, RSID	Neg RSID	
Item 4	Pos	LMG, RSID	Neg AP, RSID	Neg RSID	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
88QLRH					
Item 3	Pos	KM, HemaTrace	Pos ALS, AP, Micro	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP, Micro	NT	
89MWTC					
Item 3	Pos	TMB, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
8AGHL4					
Item 3	Pos	TMB	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
8CJGXW					
Item 3	Pos	PTMB	Pos AP, Micro	NT	
Item 4	Pos	PTMB	Neg AP	NT	
8EBCLQ					
Item 3	Pos	KM	Pos AP	NT	
Item 4	Pos	KM	Neg AP	NT	
8FKLAG					
Item 3	Pos	TMB	Pos ALS, AP, PSA, Micro	NT	Human, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	Human, Pos HemaTrace
8FLE9N					
Item 3	Pos	KM, RSID-Blood	Pos AP, Micro, PSA	NT	
Item 4	Pos	KM, RSID-Blood	Neg AP, Micro, PSA	NT	
8GB2BC					
Item 3	Pos	LMG	Pos AP, PSA, Micro	NT	
Item 4	Pos	LMG	Neg AP, PSA, Micro	NT	
8GDM8R					
Item 3	Pos	ABA heme	Pos PSA, Micro	NT	
Item 4	Pos	ABA heme	Neg PSA, Micro	NT	
8GEBWH					
Item 3	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
8GECDA					
Item 3	Pos	HemaTrace	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos	HemaTrace	NT	NT	
8GZQ49					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
8J6ELJ						
Item 3	Pos	TMB, HemaTrace	Pos	ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB, HemaTrace	Neg	ALS, AP	NT	
8LDNHM						
Item 3	Pos	KM, HemaTrace	Pos	AP, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA	Neg Phadebas	
8NGJ2P						
Item 3	Pos	KM. hemdirect	Pos	AP	NT	
Item 4	Pos	KM. hemdirect	Neg	AP	NT	
8Q3B6F						
Item 3	Pos	KM	Pos	AP, Micro	NT	
Item 4	Pos	KM	Neg	AP	NT	
8UKJE2						
Item 3	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT	Y-screen, Pos
Item 4	Pos	LMG, HemaTrace	Neg	AP, Micro, PSA	NT	Y-screen, Neg
8VVJ4F						
Item 3	Pos	KM	Pos	ALS, PSA, Micro	NT	
Item 4	Pos	KM	Neg	ALS	NT	
8WU92J						
Item 3	Pos	KM, HemaTrace	NT		NT	
Item 4	Pos	KM, HemaTrace	NT		NT	
8XZZLJ						
Item 3	NT		NT	NT	Human, Pos Quant Duo	
Item 4	NT		NT	NT	Human, Pos Quant Duo	
8YBRRF						
Item 3	Pos	KM	Pos	AP, Micro		
Item 4	Pos	KM	Neg	AP	NT	
8YWBME						
Item 3	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT	Species Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg	ALS, AP	NT	Species Origin, Pos HemaTrace
97P49D						
Item 3	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB	Neg	ALS, AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
97UHLE					
Item 3	Pos	KM, HemeDirect HB	Pos AP, Micro, PSA	NT	
Item 4	Pos	KM, HemeDirect HB	Neg AP, Micro, PSA	NT	
99DM8P					
Item 3	Pos	KM	Pos ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
99YX8Y					
Item 3	Pos	KM, HemaTrace	Pos AP, Micro	Neg RSID	
Item 4	Pos	KM, HemaTrace	Neg AP	Neg RSID	
9FFMTD					
Item 3	Pos	KM	Pos Micro, PSA	NT	
Item 4	Pos	KM	Neg Micro, PSA	NT	
9FJ39Y					
Item 3	Pos	TMB	Pos AP, Micro	NT	
Item 4	Pos	TMB	Neg AP	NT	
9FYBDT					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
9GAEH6					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
9HZKYV					
Item 3	Pos	KM, HemaTrace	Pos AP, PSA	NT	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA	NT	
9K9NT8					
Item 3	Pos	KM	Pos ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
9K9QKW					
Item 3	Pos	KM	Pos AP	NT	
Item 4	Pos	KM	Neg AP	NT	
9KAL43					
Item 3	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
9L2L2D					
Item 3	Pos	LMG	Pos AP, PSA	Neg RSID- Saliva	
Item 4	Pos	LMG	Neg AP	Neg RSID-Saliva	

TABLE 1

Webcode	Fluid ID						
	Item	Blood	Semen	Saliva	Other		
9LKGHE							
Item 3	Pos	KM	Pos	ALS, PSA, Micro	NT		
Item 4	Pos	KM	Neg	ALS	NT		
9MUEWW							
Item 3	Pos	KM, Takayama	Pos	AP, Micro, PSA	Neg	RSID Saliva	Human Origin, Pos PowerQuant
Item 4	Pos	KM, HemaTrace	Neg	AP	Neg	phadebas, RSID Saliva	Human Origin, Pos HemaTrace, PowerQuant
9NQZJV							
Item 3	Pos	KM, ABA	Pos	AP, PSA, Micro	NT		
Item 4	Pos	KM, ABA	Neg	AP, PSA	NT		
9PZZLH							
Item 3	Pos	KM, TMB	Pos	AP, PSA, Micro	Neg	RSID	
Item 4	Pos	KM, TMB	Neg	AP, PSA, Micro	Neg	RSID	
9Y9GC3							
Item 3	Pos	HemaTrace	Pos	p30, Micro	NT		
Item 4	Pos	HemaTrace	Neg	p30, Micro	NT		
9Z3B46							
Item 3	Pos	KM, HemaTrace	Pos	AP, Micro	NT		
Item 4	Pos	KM, HemaTrace	Neg	AP	NT		
A6BWMW							
Item 3	Pos	KM, hemdirect	Pos	AP	NT		
Item 4	Pos	KM, hemdirect	Neg	AP	NT		
A6TR8J							
Item 3	NT		NT		NT	Human, Pos Quant Duo	
Item 4	NT		NT		NT	Human, Pos Quant Duo	
A6UR6X							
Item 3	Pos	KM	Pos	AP, Micro	NT		
Item 4	Pos	KM	Neg	AP	NT		
A7PB9K							
Item 3	Pos	KM	Pos	AP, Micro	NT		
Item 4	Pos	KM	Neg	AP	NT		
A7R4UY							
Item 3	Pos	LMG	Pos	AP, Micro	NT		
Item 4	Pos	LMG	Neg	AP	NT		

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
A9T8BZ					
Item 3	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Neg AP	Neg	Phadebas
ACXPYV					
Item 3	Pos	KM	Pos AP	NT	
Item 4	Pos	KM	Neg AP	NT	
ADAL4Z					
Item 3	Pos	TMB	Pos AP, ALS, PSA, Mico	NT	Human Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg AP, ALS	NT	Human Origin, Pos HemaTrace
AE2L2B					
Item 3	Pos	O-tol	Pos AP, Micro	NT	
Item 4	Pos	O-tol	Neg AP	NT	
AEYWVT					
Item 3	Pos	KM	Pos AP, Micro, p30	Neg	RSID
Item 4	Pos	KM	Neg AP	NT	
AFYLTW					
Item 3	Pos	KM	Pos ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
AH4HTR					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
AL3TPR					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
AMCJCA					
Item 3	Pos	TMB, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
AMF42X					
Item 3	Pos	KM, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
AMF7TN					
Item 3	Pos	KM	Pos AP	NT	
Item 4	Pos	KM	Neg AP	NT	
AN7ETQ					
Item 3	Pos	ABA Heme	Pos PSA, Micro	NT	
Item 4	Pos	ABA Heme	Neg PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
AQCU9A					
Item 3	Pos	KM, HemaTrace	Pos AP, Micro, ALS, PSA	NT	
Item 4	Pos	KM, HemaTrace	Neg AP, ALS	NT	
AQYFKZ					
Item 3	Pos	LMG, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
AVCY2H					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
AVQRDB					
Item 3	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	species origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	species origin, Pos HemaTrace
AWM4F7					
Item 3	Pos	PTMB	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos	PTMB	Neg ALS, AP	NT	
AWMWFY					
Item 3	Pos	LMG	Pos AP, Micro	NT	
Item 4	Pos	LMG	Neg AP	NT	
AXV3NT					
Item 3	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg Radial Diffusion	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Radial Diffusion	
B4JD6V					
Item 3	Pos	KM	Pos ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
B6QJFB					
Item 3	Pos	O-tol	Pos AP, Micro	NT	
Item 4	Pos	O-tol	Neg AP	NT	
B73ARZ					
Item 3	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
B9ARPV					
Item 3	Pos	LMG, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
BA4F4K					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
BCMJQW					
Item 3	Pos	KM, HT	Pos	PSA, Micro	NT
Item 4	Pos	KM, HT	Neg	PSA	Neg RSID
BD2WGE					
Item 3	Pos	KM, HB	Pos	AP, Micro, PSA	NT
Item 4	Pos	KM, HB	Neg	AP	NT
BDJ4BB					
Item 3	Pos	KM	Pos	AP and Micro	NT
Item 4	Pos	KM	Neg	AP	NT
BJRB2F					
Item 3	Pos	TMB, KM, HemaTrace	Pos	ALS, AP, PSA, Micro	NT
Item 4	Pos	TMB, KM, HemaTrace	Neg	ALS, AP, PSA, Micro	NT
BJT7QD					
Item 3	Pos	KM	Pos	PSA, Micro	NT
Item 4	Pos	KM	Neg	PSA, Micro	NT
BKLWWR					
Item 3	Pos	TMB, HemaTrace	Pos	AP, Micro, PSA	Neg Amylase
Item 4	Pos	TMB, HemaTrace	Neg	AP, Micro, PSA	Neg Amylase
BMVZQ4					
Item 3	Pos	KM, HemaTrace	Pos	AP, RSID-Semen, Micro	NT
Item 4	Pos	KM, HemaTrace	Neg	AP, ALS	NT
BUAVLC					
Item 3	Pos	LMG	Pos	ALS, AP, Micro, PSA	NT
Item 4	Pos	LMG	Neg	ALS, AP	NT
BUAZVE					
Item 3	Pos	KM, HemaTrace	Pos	AP, Micro	NT
Item 4	Pos	KM, HemaTrace	Neg	AP, Micro	NT
BWGDJ8					
Item 3	Pos	TMB, HemaTrace	Pos	ALS, AP, PSA, Micro	NT
Item 4	Pos	TMB, HemaTrace	Neg	ALS, AP	NT
BYZA7C					
Item 3	Pos	LMG, HT	Pos	ALS, AP, Micro	
Item 4	Pos	LMG, HT	Neg	ALS, AP, Micro	
BZWL88					
Item 3	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT
Item 4	Pos	TMB	Neg	ALS, AP	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
C2KLHM					
Item 3	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA	NT
C2LBN6					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP, Micro	NT
C4P789					
Item 3	Pos	KM	Pos	AP, Micro	Neg Phadebas
Item 4	Pos	KM	Neg	AP	
C6QPMW					
Item 3	Pos	LMG	Pos	ALS, AP, PSA, Micro	Inc Amylase Radial Diffusion Human Blood, Pos RSID
Item 4	Pos	LMG	Neg	ALS, AP, PSA, Micro	Neg Amylase Radial Diffusion Human Blood, Pos RSID
CAYC2T					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP, Micro	NT
CBFEYU					
Item 3	Pos	KM, hemdirect	Pos	AP	NT
Item 4	Pos	KM, hemdirect	Neg	AP	NT
CC38JB					
Item 3	Pos	KM	Pos	AP, Micro	
Item 4	Pos	KM	Neg	AP	
CC8BMN					
Item 3	Pos	Luminol, KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP	
CGJG4U					
Item 3	Pos	KM, Seratec	Pos	AP, Micro	NT
Item 4	Pos	KM, Seratec	Neg	AP, Micro	NT
CHAJRV					
Item 3	Pos	KM, HemaTrace	Pos	PSA, AP, Micro	NT
Item 4	Pos	KM, HemaTrace	Neg	AP	NT
CHBJJH					
Item 3	Pos	KM	Pos	AP, Micro, ALS	NT
Item 4	Pos	KM	Neg	ALS	NT
CJNZWW					
Item 3	Pos	KM	Pos	ALS, AP, PSA, Micro	NT
Item 4	Pos	KM	Neg	ALS, AP, PSA, Micro	NT

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
CTVNYU				
Item 3	Pos KM, Hemdirect	Pos AP	NT	
Item 4	Pos KM, Hemdirect	Neg AP	NT	
CU6KGT				
Item 3	Pos KM	Pos AP	NT	
Item 4	Pos KM	Neg AP	NT	
CU9BJU				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
CVDWXU				
Item 3	Pos RSID	Pos RSID	Neg RSID	
Item 4	Pos RSID	Neg RSID	Neg RSID	
CVMKNN				
Item 3	Pos TMB, HemaTrace	Pos AP, Micro	Neg RSID	
Item 4	Pos TMB, HemaTrace	Neg AP	Neg RSID	
CYNNHU				
Item 3	Pos KM	Pos AP, Micro	Neg Phadebas	
Item 4	Pos KM	Neg AP	Neg Phadebas	
CZW69F				
Item 3	Pos TMB	Pos ALS, AP, Micro, PSA	NT	Human Origin, Pos HemaTrace
Item 4	Pos TMB	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
D23M7B				
Item 3	Pos TMB, HemaTrace	Pos ALS, AP, PSA	NT	
Item 4	Pos KM, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
D23RER				
Item 3	Pos KM, Takayama	Pos AP, Micro, PSA	Neg RSID-Saliva	Human origin, Pos PowerQuant
Item 4	Pos KM, HemaTrace	Neg AP	Neg RSID-Saliva	Human origin, Pos HemaTrace, PowerQuant
D2JYPF				
Item 3	Pos KM	Pos AP, Micro, ALS	Neg RSID	
Item 4	Pos KM	Neg AP, Micro, ALS	Neg RSID	
D3FEYR				
Item 3	Pos KM	Pos AP	NT	
Item 4	Pos KM	Neg AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
D3G9HX					
Item 3	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
D3GC83					
Item 3	Pos	KM	Pos ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
D49AF9					
Item 3	Pos	LMG	Pos AP, PSA	Neg RSID	
Item 4	Pos	LMG	Neg AP	Neg RSID	
D6XMXR					
Item 3	Pos	LMG, RSID-Blood	Pos AP, RSID-Semen	Neg RSID-Saliva	
Item 4	Pos	LMG, RSID-Blood	Neg AP, RSID-Semen	Neg RSID-Saliva	
D7Z4J6					
Item 3	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
D9XYR7					
Item 3	Pos	LMG, HemaTrace	Pos PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg PSA, Micro	NT	
DBRB2D					
Item 3	Pos	KM, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	
DC39FV					
Item 3	Pos	KM	Pos AP, Micro	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	
DETEVL					
Item 3	Pos	KM, Hemdirect	Pos AP	NT	
Item 4	Pos	KM, Hemdirect	Neg AP	NT	
DF6BZP					
Item 3	Pos	PTMB	Pos AP, PSA, Micro	NT	
Item 4	Pos	PTMB, HemaTrace	Neg AP	Neg Phadebas	Urine, Neg Uritrace
DGCK3V					
Item 3	Pos	KM	Pos AP, Micro, PSA		
Item 4	Pos	KM	Neg AP		
DHUK97					
Item 3	Pos	TMB, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB, HemaTrace	Neg ALS, AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
DJZ6XR					
Item 3	Pos	KM, Takayama	Pos	AP	NT
Item 4	Pos	KM, Takayama	Neg	AP	NT
DL7MWM					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
DLMTAR					
Item 3	Pos	KM, HT card	Pos	ALS, AP, Micro	Neg ALS, Phadebas
Item 4	Pos	KM, HT card	Neg	ALS, AP, Micro, PSA	Neg ALS, Phadebas
DLMXH9					
Item 3	Pos	HemDirect	Pos	ALS, AP, Sperm Hy-Liter, p30	NT
Item 4	Pos	HemDirect	Neg	ALS, AP	NT
DLPJGA					
Item 3	Pos	KM	Pos	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM	Neg	AP, PSA, Micro	Neg Phadebas
DNGE64					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP, Micro	NT
DTAJWM					
Item 3	Pos	ABA Heme	Pos	PSA, Micro	NT
Item 4	Pos	ABA Heme	Neg	PSA, Micro	NT
DTB936					
Item 3	Pos	KM	Pos	AP, Micro	Neg Phadebas
Item 4	Pos	KM	Neg	AP, Micro	Neg Phadebas
DU46PD					
Item 3	Pos	KM	Pos	AP, PSA, Micro	NT
Item 4	Pos	KM	Neg	AP	NT
DU8XCR					
Item 3	Pos	KM, HemDirect	Pos	ALS, AP, PSA, Micro	NT
Item 4	Pos	KM, HemDirect	Neg	ALS, AP, PSA, Micro	NT
DVGPHN					
Item 3	Pos	TMB, HemaTrace	Pos	ALS, AP, Micro, PSA	NT
Item 4	Pos	TMB, HemaTrace	Neg	ALS, AP	NT
DX798R					
Item 3	Pos	HemeDirect	Pos	PSA, Micro	NT
Item 4	Pos	HemeDirect	Neg	PSA	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
DYHXXM					
Item 3	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
E2HFAR					
Item 3	Pos	KM	Pos AP, ALS, PSA, Micro	NT	
Item 4	Pos	KM	Neg AP, ALS, PSA, Micro	NT	
E6WCFT					
Item 3	Pos	Hemochromogen	Pos AP, Micro	NT	
Item 4	Pos	Hemochromogen	NT	NT	
E7W4WA					
Item 3	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	Human Origin, Pos HEM
Item 4	Pos	TMB	Neg ALS, AP	NT	Human Origin, Pos HEM
E8636X					
Item 3	Pos	Hema-Trace	Pos p30, Micro	NT	
Item 4	Pos	Hema-Trace	Neg p30, Micro	NT	
E86B2N					
Item 3	Pos	O-tol	Pos AP, Micro	NT	
Item 4	Pos	O-tol	Neg AP	NT	
E8MACZ					
Item 3	Pos	O-tol, HemaTrace	Pos AP, PSA		
Item 4	Pos	O-tol	Neg AP		
E9GZFU					
Item 3	Pos	KM	Pos AP, Micro	NT	Fluorescence, Neg ALS
Item 4	Pos	KM	Neg AP	NT	Fluorescence, Neg ALS
EAUK94					
Item 3	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	Species Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
EB4PND					
Item 3	Pos	KM, HemaTrace	Pos ALS, Micro, AP, p30	Neg Saligae	
Item 4	Pos	KM, HemaTrace	Neg ALS, Micro, AP, p30	Neg Saligae	
EB7AKT					
Item 3	Pos	KM	Pos AP, Micro		
Item 4	Pos	KM	Neg AP		

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
EC2ZHV					
Item 3	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
EDTZF7					
Item 3	Pos	KM	Pos AP, Micro	Neg Phadebas	
Item 4	Pos	KM	NT	NT	
EEMTBP					
Item 3	Pos	KM	Pos AP, p30, Micro	NT	
Item 4	Pos	KM	Neg AP	NT	
EFYJLE					
Item 3	Pos	KM	Pos AP ABACard Micro	NT	
Item 4	Pos	KM	Neg AP ABACard Micro	NT	
EGQNUR					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP	NT	
EGRGRZ					
Item 3	Pos	PTMB	Pos AP, Micro	NT	
Item 4	Pos	PTMB	Neg AP	NT	
EHK8XE					
Item 3	Pos	KM, HemaTrace	Pos ALS, AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg Phadebas	
EHQFB9					
Item 3	Pos	KM, HemDirect	Pos AP, Micro, PSA	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
EKAJWK					
Item 3	Pos	KM	Pos AP, ALS, Micro	NT	
Item 4	Pos	KM	Neg AP, ALS	NT	
EMKA9A					
Item 3	Pos	KM	Pos Micro, PSA	NT	
Item 4	Pos	KM	Neg Micro, PSA	NT	
EP2TY7					
Item 3	Pos	KM	Pos Micro, PSA, AP, ALS	NT	
Item 4	Pos	KM	Neg AP, ALS	NT	
EP4DUL					
Item 3	Pos	ABA Hemecard	Pos PSA, Micro	NT	
Item 4	Pos	ABA Hemecard	Neg PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
EPMCU6					
Item 3	Pos	TMB, HemaTrace	Pos	ALS, AP, Microscopic, PSA	NT
Item 4	Pos	TMB, HemaTrace	Neg	ALS, AP	NT
EQHXMV					
Item 3	Pos	TMB	Pos	AP, PSA, Micro, ALS	NT
Item 4	Pos	TMB	Neg	AP, ALS	NT
ETQ2JT					
Item 3	Pos	LMG	Pos	ALS, AP, Micro	NT
Item 4	Pos	LMG	Neg	ALS, AP, Micro	NT
EUG9JV					
Item 3	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT
Item 4	Pos	TMB	Neg	ALS, AP	NT
EV8JAN					
Item 3	Pos	KM, HemaTrace	Pos	AP, Micro, PSA	Neg RSID
Item 4	Pos	KM	Neg	AP	NT
EYDZP8					
Item 3	Pos	TMB	Pos	ALS, PSA, Micro, AP	NT
Item 4	Pos	TMB	Neg	ALS, AP	
F3BRJP					
Item 3	Pos	KM	Pos	ALS/AP/Micro	NT
Item 4	Pos	KM	Neg	ALS/AP	NT
F4KLGB					
Item 3	Pos	KM, HemaTrace	NT		NT
Item 4	Pos	KM, HemaTrace	NT		NT
F4N77Y					
Item 3	Pos	KM	Pos	AP	NT
Item 4	Pos	KM	Neg	AP	NT
F6EAVZ					
Item 3	Pos	KM	Pos	ALS, AP	NT
Item 4	Pos	KM	Neg	ALS, AP	NT
F6ECMP					
Item 3	Pos	KM, HemDirect	Pos	AP	NT
Item 4	Pos	KM, HemDirect	Neg	AP	NT
F6UN6V					
Item 3	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT
Item 4	Pos	LMG, HemaTrace	Neg	AP	NT

TABLE 1

Webcode	Fluid ID						
	Item	Blood	Semen	Saliva	Other		
F7BP7C							
Item 3	Pos	TMB, PHT, HemaTrace	Pos	ALS, AP, p30, Micro	NT		
Item 4	Pos	TMB, PHT, HemaTrace	Neg	ALS, AP, p30, Micro	NT		
F8LRUV							
Item 3	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT		
Item 4	Pos	TMB	Neg	ALS, AP	NT		
F8Z688							
Item 3	Pos	HemDirect	Pos	ALS, AP, PSA, Micro	NT		
Item 4	Pos	HemDirect	Neg	ALS, AP	NT		
FA7LMP							
Item 3	Pos	KM, Takayama	Pos	AP, Micro, PSA	Neg	RSID-Saliva	Human origin, Pos PowerQuant
Item 4	Pos	KM, Takayama	Neg	AP	NT	Human origin, Pos PowerQuant	
FB37AP							
Item 3	Pos	RSID-Blood	Pos	RSID-Semen	Neg	RSID-Saliva	
Item 4	Pos	RSID-Blood	Neg	RSID-Semen	Neg	RSID-Saliva	
FBXUHC							
Item 3	Pos	KM	Pos	AP, Micro, ABACard p30	Neg	Amylase Radial Diffusion	
Item 4	Pos	KM	Neg	AP, Micro, ABACard p30	Neg	Amylase Radial Diffusion	
FD8K8G							
Item 3	Pos	KM, O-tol	Pos	AP, Micro, PSA	Neg	Amylase	
Item 4	Pos	KM	Neg	Micro, PSA	Neg	Amylase	Semen, Inc AP
FDCWTR							
Item 3	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT		
Item 4	Pos	KM, HemaTrace	Neg	AP	NT		
FECJRN							
Item 3	Pos	KM	Pos	AP	NT		
Item 4	Pos	KM	Neg	AP	NT		
FEHNDR							
Item 3	Pos	KM, HemaTrace	Pos	AP, Micro	NT		
Item 4	Pos	KM, HemaTrace	Neg	AP	NT		
FFBKZZ							
Item 3	Pos	KM	Pos	AP, Micro	NT		
Item 4	Pos	KM	Neg	AP, Micro	NT		

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
FG9UTH					
Item 3	Pos	KM	Pos ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
FHN39X					
Item 3	Pos	TMB, HTrace	Pos AP, p30, Micro	NT	
Item 4	Pos	TMB, HTrace	Neg AP	NT	
FKBLAV					
Item 3	Pos	LMG/HemaTrace	Pos AP/PSA/Micro	NT	
Item 4	Pos	LMG/HemaTrace	Neg AP	NT	
FKQ2JQ					
Item 3	Pos	KM	Pos AP, ALS, Micro	NT	
Item 4	Pos	KM	Neg AP, ALS	NT	
FP22VW					
Item 3	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
FQT2R8					
Item 3	Pos	KM	Pos AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	
FRQCLP					
Item 3	Pos	KM, Takayama	Pos AP, Micro, PSA	Neg Phadebas	Human Origin, Pos PowerQuant
Item 4	Pos	KM, HemaTrace	Neg AP	NT	Human Origin, Pos HemaTrace, PowerQuant
FUVVUJ					
Item 3	Pos	KM	Pos AP	NT	
Item 4	Pos	KM	Neg AP	NT	
FW3DTE					
Item 3	Pos	KM, HemaTrace	Pos Seri AP, p30	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg Seri AP, p30	Neg Phadebas	
FW6XPU					
Item 3	Pos	KM	Pos ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
FWGNMD					
Item 3	Pos	O-tol, HemDirect	Pos AP, PSA, Micro	Neg Seratec Amylase	
Item 4	Pos	O-tol, HemDirect	Neg AP, PSA, Micro	Neg Seratec Amylase	
FXW4W8					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
FYLGEQ						
Item 3	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg	RSID
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg	RSID
G67WHN						
Item 3	Pos	KM, HemDirect	Pos	ALS, AP, Micro	Neg	ALS, RSID Saliva
Item 4	Pos	KM, HemDirect	Neg	ALS, AP, Micro	Neg	ALS, RSID Saliva
G72G7M						
Item 3	Pos	KM	Pos	AP	NT	
Item 4	Pos	KM	Neg	AP	NT	
G77RA7						
Item 3	Pos	LMG	NT		NT	
Item 4	Pos	LMG	NT		NT	
G8ZHEZ						
Item 3	Pos	KM	Pos	AP, Micro	NT	
Item 4	Pos	KM	Neg	AP, Micro	NT	
GBWB4N						
Item 3	Pos	KM	Pos	Micro	NT	Seminal fluid, Inc AP
Item 4	Pos	KM	Neg	AP	NT	
GCDD3A						
Item 3	Pos	KM, HemaTrace	NT		NT	
Item 4	Pos	KM, HemaTrace	NT		NT	
GD4GRB						
Item 3	Pos	TMB, HemaTrace	Pos	ALS, AP, PSA, Micro	NT	
Item 4	Pos	PHT, HemaTrace	Neg	ALS, AP, PSA, Micro	NT	
GEWHNL						
Item 3	Pos	KM, Hexagon OBTI	Pos	AP, STK, PSA, Micro	NT	
Item 4	Pos	KM, Hexagon OBTI	Neg	AP, STK	NT	
GF8GKF						
Item 3	Pos	KM	Pos	PSA, male DNA	NT	
Item 4	Pos	KM	NT		NT	
GG4TMB						
Item 3	Pos	TMB, KM, HemaTrace	Pos	ALS, AP, PSA, Micro	NT	
Item 4	Pos	TMB, KM, HemaTrace	Neg	ALS, AP, PSA, Micro	NT	
GJRAWH						
Item 3	Pos	KM; HemaTrace	Pos	AP; Micro	Neg	RSID
Item 4	Pos	KM; HemaTrace	Neg	AP	Neg	RSID

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
GK6WGH				
Item 3	Pos KM, HemDirect, Luminol	Pos AP, Micro, ALS	Neg Amylase Diffusion	
Item 4	Pos KM, Luminol	Neg AP, ALS	Neg Amylase Diffusion	
GMVWG				
Item 3	Pos KM	Pos AP		
Item 4	Pos KM	Neg AP		
GPGUUW				
Item 3	Pos KM, HemaTrace	Pos ALS, AP, Micro, RSID-Semen	NT	
Item 4	Pos KM, HemaTrace	Neg AP	NT	
GTGV99				
Item 3	Pos LMG	Pos ALS, AP, Micro, p30	NT	
Item 4	Pos LMG	Neg ALS, AP	NT	
GVFDXM				
Item 3	Pos Phenolphthalein, Takayama	Pos AP, PSA, Micro	Neg RSID	
Item 4	Pos Phenolphthalein, Takayama	Neg AP, PSA	Neg RSID	
GVKTCN				
Item 3	Pos KM, Takayama	Pos AP, Micro, p30	Neg RSID-Saliva	Human, Pos PowerQuant
Item 4	Pos KM, HemaTrace	Neg AP	Neg RSID-Saliva	Human, Pos HemaTrace, PowerQuant
GYLRUU				
Item 3	Pos TMB	Pos ALS, AP, PSA, Micro	NT	Human Species, Pos HemaTrace
Item 4	Pos TMB	Neg ALS, AP	NT	Human Species, Pos HemaTrace
GZDRR6				
Item 3	Pos O-tol	Pos AP, PSA		
Item 4	Pos O-tol	Neg AP, PSA		
H4V6CR				
Item 3	Pos TMB	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos TMB	Neg ALS, AP	NT	
H4XUHB				
Item 3	Pos KM, HemaTrace	Pos Micro	Neg SALLgAE	
Item 4	Pos KM, HemaTrace	Neg AP, p30, Micro	Neg SALLgAE	
H6N6A4				
Item 3	Pos KM	Pos AP, Micro	Neg Phadebas	
Item 4	Pos KM	Neg AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
H7Y67X					
Item 3	Pos	O-tol, HemDirect	Pos	AP, ALS, PSA, Micro	Neg Amylase
Item 4	Pos	O-tol, HemDirect	Neg	AP, ALS, PSA, Micro	Neg Amylase
HAYF2X					
Item 3	Pos	O-tol, HemDirect	Pos	AP, Micro, PSA, ALS	Neg Seratec Amylase card
Item 4	Pos	O-tol, HemDirect	Neg	AP, Micro, PSA, ALS	Neg Seratec Amylase card
HBY7GT					
Item 3	Pos	LMG, HemaTrace	Pos	AP, PSA, Micro	NT
Item 4	Pos	LMG, HemaTrace	Neg	AP	NT
HCPDWJ					
Item 3	Pos	KM, HemaTrace	Pos	AP, Micro	NT
Item 4	Pos	KM, HemaTrace	Neg	AP	NT
HJKGH8					
Item 3	Pos	KM, HemaTrace	Pos	AP, Micro	NT
Item 4	Pos	KM, HemaTrace	Neg	AP, Micro	NT
HKG TJ2					
Item 3	Pos	TMB, HemaTrace	Pos	ALS, AP, Micro, p30	NT
Item 4	Pos	TMB, HemaTrace	Neg	ALS, AP	NT
HKYTC7					
Item 3	Pos	KM - Hemophan (paper test for Blood erythrocytes, haemoglobin) by Erba Lachema - non-specific test for Blood, FOB - cassette test for determination of faecal occult Blood by NADAL - specific test for Human Blood	Pos	AP - Phosphatesmo (paper test for the determination of acid phosphatase) by Macherey-Nagel, PSA - cassette test for prostate specific antigen by SERATEC	NT
Item 4	Pos	KM - Hemophan (paper test for Blood erythrocytes, haemoglobin) by Erba Lachema - non-specific test for Blood, FOB - cassette test for determination of faecal occult Blood by NADAL - specific test for Human Blood	Neg	AP - Phosphatesmo (paper test for the determination of acid phosphatase) by Macherey-Nagel, PSA - cassette test for prostate specific antigen by SERATEC	NT
HNPY8N					
Item 3	Pos	KM	Pos	ALS, AP, Micro	NT
Item 4	Pos	KM	Neg	ALS, AP	NT
HQNJM8					
Item 3	Pos	TMB, HemaTrace	Pos	ALS, AP, Micro, PSA	NT
Item 4	Pos	TMB, HemaTrace	Neg	ALS, AP	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
HTCZWF					
Item 3	Pos	LMG, TMB, RSID	Pos	ALS, AP, RSID, Micro	Neg Phadebas
Item 4	Pos	LMG, TMB, RSID	Neg	ALS, AP	Neg Phadebas
HTEFHT					
Item 3	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT
Item 4	Pos	LMG, HemaTrace	Neg	AP	NT
HTQGZX					
Item 3	Pos	PHT, HemaTrace	Pos	ALS, AP, Micro, PSA	NT
Item 4	Pos	PHT, HemaTrace	Neg	ALS, AP	NT
HUK3QR					
Item 3	Pos	TMB	Pos	ALS, AP, p30, Micro	NT
Item 4	Pos	TMB	Neg	ALS, AP, p30, Micro	NT
HUMTWA					
Item 3	Pos	KM, HemaTrace	Pos	Micro	Neg SALIgAE
Item 4	Pos	KM, HemaTrace	Neg	Micro, AP, p30	Neg SALIgAE
HXPPD4					
Item 3	Pos	LMG	Pos	AP, PSA, Micro	NT
Item 4	Pos	LMG	Neg	AP, PSA, Micro	NT
HZAR6A					
Item 3	Pos	KM	Pos	AP, PSA	NT
Item 4	Pos	KM	Neg	AP	NT
J2MCXJ					
Item 3	Pos	TMB	Pos	ALS, AP, PSA, Micro	NT
Item 4	Pos	TMB	Neg	ALS, AP	
J3A6G2					
Item 3	Pos	Hemastix, HemaTrace	Pos	AP, Micro	NT
Item 4	Pos	Hemastix, HemaTrace	Neg	AP	NT
J4TWM6					
Item 3	Pos	KM	Pos	Micro, PSA	NT
Item 4	Pos	KM	Neg	Micro	
J68ENP					
Item 3	Pos	LMG	Pos	AP, Micro	NT
Item 4	Pos	LMG	Neg	AP	NT
J6H9DX					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP, Micro	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
J79FD2					
Item 3	Pos	Hemastix, HemaTrace	Pos	AP, PSA, Micro	NT
Item 4	Pos	Hemastix, HemaTrace	Neg	AP, PSA, Micro	NT
J7C2AG					
Item 3	Pos	ABA Heme	Pos	PSA, Micro	NT
Item 4	Pos	ABA Heme	Neg	PSA, Micro	NT
J8T9GJ					
Item 3	Pos	PTMB	Pos	ALS, AP, PSA, Micro	NT
Item 4	Pos	PTMB	Neg	ALS, AP	NT
J9E23M					
Item 3	Pos	KM	Pos	ALS, AP, Microscopic, PSA	NT
Item 4	Pos	KM	Neg	ALS, AP	NT
J9JC87					
Item 3	Pos	LMG	Pos	ALS, AP, Micro, PSA	NT
Item 4	Pos	LMG	Neg	ALS, AP	NT
J9ZKYL					
Item 3	Pos	KM, HemDirect	Pos	AP	NT
Item 4	Pos	KM, HemDirect	Neg	AP	NT
JADX2W					
Item 3	Pos	KM	Pos	AP, ALS	NT
Item 4	Pos	KM	Neg	AP, ALS	NT
JBCZTM					
Item 3	Pos	KM, HemDirect	Pos	AP	NT
Item 4	Pos	KM, HemDirect	Neg	AP	NT
JBPYG4					
Item 3	Pos	LMG, HT	Pos	AP, Micro	NT
Item 4	Pos	LMG, HT	Neg	AP, Micro	NT
JC7V94					
Item 3	Pos	LMG	Pos	AP, PSA	Neg RSID-Saliva
Item 4	Pos	LMG	Neg	AP	Neg RSID-Saliva
JCLAHY					
Item 3	Pos	TMB	Pos	ALS, AP, Micro, PSA	
Item 4	Pos	TMB	Neg	ALS, AP	
JETM7R					
Item 3	Pos	LMG, HemaTrace	Pos	AP, PSA, Micro	NT
Item 4	Pos	LMG HemaTrace	Neg	AP	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
JHMDH6					
Item 3	Pos	TMB, FOB, Luminol, PMB	Pos	ALS, AP, PSA, RSID	Neg ALS, RSID, Seratec α-Amylase
Item 4	Pos	TMB, FOB, Luminol, PMB	Neg	ALS, AP, PSA, RSID	Neg ALS, RSID, Seratec α-Amylase
JLA4WF					
Item 3	Pos	KM	Pos	ALS, AP, Micro	Human DNA detected, Pos Quantifiler Trio
Item 4	Pos	KM	Neg	ALS, AP, Micro	Human DNA detected, Pos Quantifiler Trio
JLDNL6					
Item 3	Pos	KM	Pos	Micro, PSA	NT
Item 4	Pos	KM	Neg	Micro, PSA	NT
JNERDR					
Item 3	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT
Item 4	Pos	LMG, HemaTrace	Neg	AP	NT
JNVR9G					
Item 3	Pos	ABA Heme	Pos	PSA, Micro	NT
Item 4	Pos	ABA Heme	Neg	PSA, Micro	NT
JNXGEY					
Item 3	Pos	KM	Pos	AP, Micro	Neg Phadabas
Item 4	Pos	KM	Neg	AP, Micro	Neg Phadabas
JZNFN					
Item 3	Pos	RSID Blood	Pos	RSID Semen	Neg RSID Saliva
Item 4	Pos	RSID Blood	Neg	RSID Semen	Neg RSID Saliva
JZTLR6					
Item 3	Pos	KM	Pos	PSA, Micro	NT
Item 4	Pos	KM	Neg	PSA, Micro	NT
K2MMCM					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP	NT
K3T9P2					
Item 3	Pos	LMG, HemaTrace	Pos	ALS, AP, Micro, p30	NT
Item 4	Pos	LMG, HemaTrace	Neg	ALS, AP, Micro, p30	NT
K4463J					
Item 3	Pos	KM, Takayama	Pos	AP, Micro	Human Origin, Pos PowerQuant
Item 4	Pos	KM, HemaTrace	Neg	AP	Human Origin, Pos HemaTrace, PowerQuant

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
K4KCBL					
Item 3	Pos	KM, HemDirect	Pos AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
K786U4					
Item 3	Pos	KM	Pos ALS, PSA, Micro	NT	
Item 4	Pos	KM	Neg ALS	NT	
K8LHM7					
Item 3	Pos	TMB, KM, HemaTrace	Pos ALS, AP, p30, Micro	NT	
Item 4	Pos	TMB, KM, HemaTrace	Neg ALS, AP, p30, Micro	NT	
K8MBLE					
Item 3	Pos	KM	Pos ALS, AP, Micro	Neg Phadebas	Human DNA detected, Pos Quantifiler Trio
Item 4	Pos	KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA detected, Pos Quantifiler Trio
K92H8V					
Item 3	Pos	KM	Pos ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
K9F79M					
Item 3	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
K9X3RA					
Item 3	Pos	TMB, RSID	Pos PSA, RSID, Micro	Neg	
Item 4	Pos	TMB	Neg PSA, Micro	Neg	
KA96FU					
Item 3	Pos	O-tol	Pos AP	NT	
Item 4	Pos	O-tol	Neg AP	NT	
KBLRX9					
Item 3	Pos	KM	Pos AP, PSA, Micro	Neg Amylase Radial Diffusion	
Item 4	Pos	KM	Neg AP, PSA, Micro	Neg Amylase Radial Diffusion	
KDDNM3					
Item 3	Pos	KM, HB	Pos AP, SP, PSA	NT	
Item 4	Pos	KM, HB	Neg AP	NT	Y-Screening, Neg Promega Casework Direct
KE3YDV					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
KFGJ76					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
KFVR9E					
Item 3	Pos	KM	Pos ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
KH8LV7					
Item 3	Pos	TMB	Pos AP, Micro, p30, ALS	NT	Human Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg AP, Micro, p30, ALS	NT	Human Origin, Pos HemaTrace
KJW2W2					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP	NT	
KJYMRG					
Item 3	Pos	KM	Pos ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
KKU7W4					
Item 3	Pos	LMG, HT	Pos ALS, AP, Micro	NT	
Item 4	Pos	LMG, HT	Neg ALS, AP, Micro	NT	
KLQGXY					
Item 3	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	Species Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
KN9XQ4					
Item 3	Pos	LMG	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos	LMG	Neg ALS, AP	NT	
KNW3NJ					
Item 3	Pos	PTMB	Pos AP, PSA, Micro	NT	
Item 4	Pos	PTMB	Neg AP	NT	
KPLDEC					
Item 3	Pos	KM	Pos ALS, AP, PSA, Micro	Neg RSID	
Item 4	Pos	KM	Neg ALS, AP, PSA	Neg RSID	
KPNXCD					
Item 3	Pos	KM	Pos AP	NT	
Item 4	Pos	KM	Neg AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
KXFH8D					
Item 3	Pos	KM	Pos	ALS, AP, Micro	NT
Item 4	Pos	KM	Neg	ALS, AP	NT
KXH8EW					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP, Micro	NT
KXXMNQ					
Item 3	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT
Item 4	Pos	TMB	Neg	ALS, AP	NT
L2UFDL					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP, Micro	NT
L37CHK					
Item 3	Pos	HemaTrace	Pos	p30, Micro	Neg RSID
Item 4	Pos	HemaTrace	Neg	p30	NT
L6VEWK					
Item 3	Pos	KM, Hemdirect	Pos	AP	NT
Item 4	Pos	KM, Hemdirect	Neg	AP	NT
L8GJ74					
Item 3	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg Phadabus
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg Phadabus
L9DQKN					
Item 3	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Neg	AP	Neg Phadebas
LA8LV4					
Item 3	Pos	TMB, HemaTrace	Pos	ALS, AP, Micro, PSA	NT
Item 4	Pos	TMB, HemaTrace	Neg	ALS, AP	NT
LD8TG2					
Item 3	Pos	KM	Pos	p30, Micro	NT
Item 4	Pos	KM	Neg	p30, Micro	NT
LE2JMF					
Item 3	Pos	PTMB, HemaTrace	Pos	AP, PSA, Micro, ALS	Neg Phadebas tablet Uritrace
Item 4	Pos	PTMB, HemaTrace	Neg	AP, PSA, ALS	Neg Phadebas Tablet Uritrace
LFBBTC					
Item 3	Pos	KM	Pos	ALS, AP, Micro, PSA	NT
Item 4	Pos	KM	Neg	ALS, AP	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
LGLDEB					
Item 3	Pos	KM, ALS	Pos	PSA	NT
Item 4	Pos	KM	NT		NT
LGNC7X					
Item 3	Pos	LMG	Pos	PSA, Micro	NT
Item 4	Pos	LMG	Neg	PSA, Micro	NT
LK6HX7					
Item 3	Pos	O-tol, PPTH, HD	Pos	AP, Micro	NT
Item 4	Pos	O-tol, PPTH, HD	Neg	AP, Micro	NT
LR4YHJ					
Item 3	NT		NT	NT	Male DNA, Pos Y-screening
Item 4	NT		NT	NT	Male DNA, Neg Y-screening
LTMMDL					
Item 3	Pos	KM	Pos	ALS, AP, Micro	NT
Item 4	Pos	KM	Neg	ALS, AP	NT
LUV444					
Item 3	Pos	KM, HemaTrace	NT		NT
Item 4	Pos	KM, HemaTrace	NT		NT
LVB3MT					
Item 3	Pos	KM	Pos	AP, Microscopic	NT
Item 4	Pos	KM	Neg	AP	NT
LWJF3A					
Item 3	Pos	O-tol, KM	Pos	AP, Micro(SH), PSA	Neg Phadebas Screen for Male DNA, Pos NaOH Y Screen
Item 4	Pos	KM	Neg	AP, Micro(CT), PSA	Neg Phadebas Screen for Male DNA, Neg NaOH Y Screen
LXAQT3					
Item 3	NT		NT	NT	Human
Item 4	NT		NT	NT	Human
LXE8R2					
Item 3	Pos	KM	Pos	AP, Micro	Neg Phadebas
Item 4	Pos	KM	Neg	AP	NT
LYCBR4					
Item 3	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg Phadebas

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
LYQTRN					
Item 3	Pos	KM	Pos ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
M2NPHG					
Item 3	Pos	KM	Pos AP	NT	
Item 4	Pos	KM	Neg AP	NT	
M3P9W6					
Item 3	Pos	O-tol	Pos AP, PSA, Micro	NT	
Item 4	Pos	O-tol	Neg AP, PSA, Micro	NT	
M68XR3					
Item 3	Pos	TMB, KM, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos	TMB, KM, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
M6RJH8					
Item 3	Pos	KM	Pos AP, Micro, PSA	NT	
Item 4	Pos	KM	Neg AP	NT	
M6WQV2					
Item 3	Pos	KM	Pos Micro, PSA	NT	
Item 4	Pos	KM	Neg Micro, PSA	NT	
M8DAKW					
Item 3	Pos	LMG, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP, PSA, Micro	NT	
M8GPZH					
Item 3	Pos	KM, Takayama	Pos AP, Micro, PSA	Neg Phadebas, RSID Saliva	Human Origin, Pos PowerQuant
Item 4	Pos	KM, Takayama, HemaTrace	Neg AP	Neg Phadebas	Human Origin, Pos HemaTrace, PowerQuant
M8YP7T					
Item 3	Pos	TMB, Takayama, HemaTrace	Pos PSA, AP, Micro (Xmas)	NT	
Item 4	Pos	TMB, Takayama, HemaTrace	Neg PSA, AP, Micro (Xmas)	NT	
MDN7HJ					
Item 3	Pos	KM, HemDirect	Pos AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
MHGFJ6					
Item 3	Pos	O-tol, Seratec PMB	Pos AP, Seratec PSA, Micro	Neg Seratec Amylase, Micro	Feces, Vomit Urobilinogen, Peptest
Item 4	Pos	O-tol, Seratec PMB	Neg AP, Seratec PSA, Micro	Neg Seratec Amylate, Micro	Feces, Vomit Urobilinogen, Peptest

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
MKLYQD					
Item 3	Pos	KM, HemaTrace	Pos	AP, Micro, p30	NT
Item 4	Pos	KM, HemaTrace	Neg	AP	NT
MLALU2					
Item 3	Pos	KM	Pos	ALS, PSA, Micro	NT
Item 4	Pos	KM	Neg	ALS	NT
MMVYVK					
Item 3	Pos	ALS, KM	Pos	ALS, PSA, Micro	NT
Item 4	Pos	ALS, KM	Neg	ALS, PSA, Micro	
MPCHLG					
Item 3	Pos	KM	Pos	PSA, Micro	Human, Pos PowerQuant
Item 4	Pos	KM	Neg	PSA, Micro	Neg RSID Human, Pos PowerQuant
MQB8JK					
Item 3	Pos	KM	Pos	ALS, AP, p30, Micro	NT
Item 4	Pos	KM	Neg	ALS, AP	NT
MV3QC3					
Item 3	Pos	LMG	Pos	ALS, AP, Micro, PSA	NT
Item 4	Pos	LMG	Neg	ALS, AP	NT
MV4HAA					
Item 3	Pos	KM; hemdirect	Pos	AP	NT
Item 4	Pos	KM; hemdirect	Neg	AP	NT
MVXF8H					
Item 3	Pos	RSID	Pos	RSID	Neg RSID
Item 4	Pos	RSID	Neg	RSID	Neg RSID
MWR7DX					
Item 3	Pos	O-toI, PMB card	Pos	AP, PSA, Micro	Neg RSID Menstrual Blood, Neg PMB card
Item 4	Pos	O-toI, PMB card	Neg	AP, PSA, Micro	Neg RSID Menstrual Blood, Neg PMB card
N3KBYE					
Item 3	Pos	TMB	Pos	ALS, AP, PSA, Micro	NT
Item 4	Pos	TMB	Neg	ALS, AP	NT
N4WBV9					
Item 3	Pos	KM, HemDirect	Pos	AP	NT
Item 4	Pos	KM, HemDirect	Neg	AP	NT

TABLE 1

Webcode	Fluid ID						
	Item	Blood	Semen	Saliva	Other		
N64G7N							
Item 3	Pos	KM, HemaTrace	Pos	PSA, Micro	Neg	RSID	Male DNA, Pos Y-Screening
Item 4	Pos	KM, HemaTrace	Neg	PSA, Micro	Neg	RSID	Male DNA, Neg Y-Screening
N8VLR9							
Item 3	Pos	KM	Pos	AP	NT		
Item 4	Pos	KM	Neg	AP	NT		
NCMV28							
Item 3	Pos	KM, O-tol,	Pos	AP, Micro, PSA	Neg	Amylase	
Item 4	Pos	KM	Neg	Micro, PSA	Neg	Amylase	Semen, Inc AP
NCR9MH							
Item 3	Pos	KM, Hemdirect	Pos	AP, Micro, ALS	NT		
Item 4	Pos	KM, Hemdirect	Neg	AP, Micro, ALS	NT		
NDFU8T							
Item 3	Pos	KM	Pos	AP, Micro	NT		
Item 4	Pos	KM	Neg	AP, Micro	NT		
NKG2TM							
Item 3	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT		
Item 4	Pos	TMB	Neg	ALS, AP	NT		
NMLB36							
Item 3	Pos	KM, Hemdirect	Pos	AP, Micro, PSA	Neg	Phadebas	
Item 4	Pos	KM, Hemdirect	Neg	AP, Micro, PSA	Neg	Phadebas	
NN4FL4							
Item 3	Pos	O-tol	Pos	AP, Micro	NT		
Item 4	Pos	O-tol	Neg	AP, Micro, PSA	NT		
NNWDQP							
Item 3	NT		Pos	AP, PSA, Micro	NT		
Item 4	NT		Neg	AP, PSA, Micro	NT		
NQ27J3							
Item 3	Pos	O-tol, HemeDirect	Pos	AP, PSA, Micro	Neg	Radial Diffusion	
Item 4	Pos	O-tol, HemeDirect	Neg	AP, PSA, Micro	Neg	Radial Diffusion	
NWC3FP							
Item 3	Pos	TMB, HemaTrace	Pos	AP, PSA, Micro	NT		
Item 4	Pos	TMB, HemaTrace	Neg	AP	NT		

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
NWRBHX					
Item 3	Pos	TMB	Pos ALS, AP, PSA, Micro	NT	Species Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
NXNMKT					
Item 3	Pos	TMB, Micro, HemaTrace	Pos AP, PSA, Micro	NT	
Item 4	Pos	TMB, Micro	NT	NT	
P26E7F					
Item 3	Pos	PTMB	Pos AP, Micro, PSA, ALS		
Item 4	Pos	PTMB, HemaTrace	Neg AP, ALS	Neg Phadebas	Urine, Neg Uritrace
P64P3E					
Item 3	Pos	PTMB, HemaTrace	Pos ALS, AP, PSA, Micro	Neg Phadebas Tablet	Urine, Neg Uritrace
Item 4	Pos	PTMB, HemaTrace	Neg ALS, AP, PSA	NT	
P7D429					
Item 3	Pos	KM	Pos ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
P7FT8Q					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
P7UZT8					
Item 3	Pos	KM, Hemdirect	Pos ALS, AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, Hemdirect	Neg ALS, AP, Micro, PSA	Neg Phadebas	
PBQUHW					
Item 3	Pos	LMG, HemaTrace	Pos AP, PSA, Micro	Neg Amylase	
Item 4	Pos	LMG, HemaTrace	Neg AP, PSA, Micro	Neg Amylase	
PDE34J					
Item 3	Pos	LMG	Pos ALS, AP, Micro	NT	
Item 4	Pos	LMG	Neg ALS, AP	NT	
PMNG2E					
Item 3	Pos	PTMB	Pos AP, Micro	NT	
Item 4	Pos	PTMB	Neg AP	NT	
PN3ZUN					
Item 3	Pos	Hemastix, RSID	Pos AP, RSID, Micro	Neg RSID	
Item 4	Pos	Hemastix, RSID	Neg AP, RSID	Neg RSID	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
PPAAU9						
Item 3	Pos	KM	Pos	AP, PSA, Micro		
Item 4	Pos	KM	Neg	AP, PSA		
PQPKVL						
Item 3	Pos	LMG, HemaTrace	Pos	AP, PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg	AP	NT	
PTRMEW						
Item 3	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT	species origin, Pos HemaTrace
Item 4	Pos	TMB	Neg	ALS, AP	NT	species origin, Pos HemaTrace
PUM7HH						
Item 3	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT	
Item 4	Pos	KM, HemaTrace	Neg	AP	NT	
PVE7FU						
Item 3	Pos	KM	Pos	AP, Micro	NT	
Item 4	Pos	KM	Neg	AP, Micro	NT	
PW8V3V						
Item 3	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB	Neg	ALS, AP	NT	
Q3UZEW						
Item 3	Pos	KM	Pos	PSA, Micro	NT	
Item 4	Pos	KM	Neg	PSA, Micro	NT	
Q3V2WN						
Item 3	Pos	O-tol	Pos	AP	NT	
Item 4	Pos	O-tol	Neg	AP	NT	
Q4PR33						
Item 3	Pos	KM, HemDirect	Pos	ALS, AP, Micro, PSA	Neg	Phadebas
Item 4	Pos	KM, HemDirect	Neg	ALS, AP, Micro, PSA	Neg	Phadebas
Q646TK						
Item 3	Pos	LMG, HemaTrace	Pos	AP, PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg	AP	NT	
Q7UB9B						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
Q878DF						
Item 3	Pos	KM, HemDirect	Pos	AP	NT	
Item 4	Pos	KM, HemDirect	Neg	AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
QA99ED					
Item 3	Pos	PTMB, HemaTrace	Pos	ALS, AP, PSA, Micro	NT
Item 4	Pos	PTMB, HemaTrace	Neg	ALS, AP, PSA	Neg Phadebas Tablets Urine, Neg Uritrace
QCJXV4					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP, Micro	NT
QCZ437					
Item 3	Pos	KM	Pos	AP	NT
Item 4	Pos	KM, Takayama	Neg	AP	NT
QDDHNV					
Item 3	Pos	KM	Pos	AP, Micro	Neg Phadebas
Item 4	Pos	KM	Neg	AP	NT
QDUU8Z					
Item 3	Pos	KM, TMB, HemaTrace	Pos	AP, PSA, Micro, ALS	NT
Item 4	Pos	KM, TMB, HemaTrace	Neg	AP, PSA, Micro, ALS	NT
QE6RKH					
Item 3	Pos	LMG, HemaTrace	Pos	AP, Micro	NT
Item 4	Pos	LMG, HemaTrace	Neg	AP, Micro	NT
					Male DNA, Pos Y-screen
					Male DNA, Neg Y-screen
QENF3C					
Item 3	Pos	O-tol	Pos	AP, Micro	NT
Item 4	Pos	O-tol	Neg	AP	NT
QGRBLF					
Item 3	Pos	KM, Takayama	Pos	AP	NT
Item 4	Pos	KM, Takayama	Neg	AP	NT
QKC4WH					
Item 3	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT
Item 4	Pos	KM, HemaTrace	Neg	AP	NT
QKRMEU					
Item 3	Pos	KM, Hemdirect	Pos	ALS, AP, Micro	Neg RSID Saliva
Item 4	Pos	KM, Hemdirect	Neg	ALS, AP, Micro	Neg RSID Saliva
QNFU7H					
Item 3	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT
Item 4	Pos	LMG, HemaTrace	Neg	AP, Micro, PSA	NT
					Male DNA Screen, Pos Y-Screen
					Male DNA Screen, Neg Y-Screen

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
QP7XUJ					
Item 3	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT
Item 4	Pos	KM, HemaTrace	Neg	AP	NT
QP7ZL9					
Item 3	Pos	KM, Hemedirect	Pos	AP	NT
Item 4	Pos	KM, Hemedirect	Neg	AP	NT
QPMADN					
Item 3	Pos	KM, HemaTrace	Pos	AP, Micro	NT
Item 4	Pos	KM, HemaTrace	Neg	AP	NT
QRDFTE					
Item 3	Pos	KM	Pos	AP	NT
Item 4	Pos	KM	Neg	AP	NT
QREC2P					
Item 3	Pos	KM	Pos	AP, ALS	NT
Item 4	Pos	KM	Neg	AP, ALS	NT
QT7BAV					
Item 3	Pos	LMG	Pos	AP, PSA	Neg RSID-Saliva
Item 4	Pos	LMG	Neg	AP	Neg RSID-Saliva
QW982C					
Item 3	Pos	PTMB, HemaTrace	Pos	AP, PSA, Micro	Neg Phadebas Urine, Neg Uritrace
Item 4	Pos	PTMB	Neg	AP	NT
QWQ6B3					
Item 3	Pos	KM, HemDirect	Pos	AP, Micro, PSA	NT
Item 4	Pos	KM	Neg	AP	NT
R4FBG9					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP, Micro	NT
R8YFY6					
Item 3	Pos	KM	Pos	AP	NT
Item 4	Pos	KM	Neg	AP	NT
R9TZXW					
Item 3	Pos	KM	Pos	PSA, ALS, Micro	NT
Item 4	Pos	KM	Neg	ALS	NT
REKB6E					
Item 3	Pos	KM	Pos	PSA, Micro	NT
Item 4	Pos	KM	Neg	PSA, Micro	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
RGAHK6					
Item 3	Pos	KM, Hemdirect	Pos AP	NT	
Item 4	Pos	KM, Hemdirect	Neg AP	NT	
RHN3DF					
Item 3	Pos	KM	Pos ALS, FBB (AP), PSA	NT	
Item 4	Pos	KM	Neg ALS, FBB (AP)	NT	
RHX36F					
Item 3	Pos	KM, HemaTrace	Pos PSA	Neg RSID-Saliva	Human, Pos PowerQuant
Item 4	Pos	KM	Neg PSA	Neg RSID-Saliva	Human, Pos PowerQuant
RHV3N					
Item 3	Pos	O-tol	Pos AP		
Item 4	Pos	O-tol	Neg AP		
RJVDY					
Item 3	Pos	KM, TMB	Pos AP	NT	
Item 4	Pos	KM, TMB	Neg AP	NT	
RK6K4B					
Item 3	Pos	KM, HemaTrace	Pos AP, PSA	Neg RSID-Saliva	
Item 4	Pos	KM	Neg AP	NT	
RK7BAU					
Item 3	Pos	O-tol	Pos AP, Micro	NT	
Item 4	Pos	O-tol	Neg AP	NT	
RL9UPH					
Item 3	Pos	LMG	Pos AP, ALS, Micro	NT	
Item 4	Pos	LMG	Neg ALS, AP	NT	
RPF4E					
Item 3	Pos	Hemochromogen	Neg AP	NT	
Item 4	Pos	Hemochromogen	Neg AP	NT	
RQB6C3					
Item 3	Pos	KM, HemaTrace	Pos AP, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
RQDP9H					
Item 3	Pos	KM	Pos ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
RUU9YE					
Item 3	Pos	ABAcad HemaTrace	Pos AP, PSA	Neg RSID Saliva	
Item 4	Pos	ABAcad HemaTrace	Neg AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
RV8WHD					
Item 3	Pos	KM, Takayama	Pos	AP	NT
Item 4	Pos	KM, Takayama	Neg	AP	NT
RY64YG					
Item 3	Pos	HemaTrace	Pos	PSA	NT
Item 4	Pos	HemaTrace	Neg	PSA	NT
RYM7PQ					
Item 3	Pos	O-tol	Pos	AP, Micro	Neg Micro
Item 4	Pos	O-tol	Neg	AP	NT
RYN87H					
Item 3	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Neg	AP	Neg Phadebas
RZX9CP					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	NT		NT
T3ZHWQ					
Item 3	Pos	LMG, ABA HemaTrace	Pos	ALS, AP, PSA, Micro	NT
Item 4	Pos	LMG, ABA HemaTrace	Neg	ALS, AP, PSA, Micro	NT
T6DT7G					
Item 3	Pos	PTMB	Pos	ALS, AP, Micro	NT
Item 4	Pos	PTMB	Neg	ALS, AP	NT
T8EYJ3					
Item 3	Pos	KM, HemaTrace	Pos	AP, PSA	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA	Neg Phadebas
T8GJFH					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP	NT
T8XM2W					
Item 3	Pos	LMG	Pos	ALS, AP, Micro, PSA	NT
Item 4	Pos	LMG	Neg	ALS, AP	NT
T9QNY8					
Item 3	NT		Pos	Micro	NT
Item 4	NT		Neg	Micro	NT
TAN2DD					
Item 3	Pos	KM	Pos	AP/Micro	NT
Item 4	Pos	KM	NT		NT

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
TBF8LQ						
Item 3	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB	Neg	ALS, AP	NT	
TBX36D						
Item 3	Pos	HemaTrace	Pos	PSA, Micro	NT	
Item 4	Pos	HemaTrace	Neg	PSA	NT	
TEEHGQ						
Item 3	NT		Pos	Micro	NT	
TFBUJL						
Item 3	Pos	KM, HemaTrace	Pos	AP, Micro	NT	
Item 4	Pos	KM, HemaTrace	Neg	AP	NT	
TJTYDA						
Item 3	Pos	TMB, HemaTrace	Pos	AP, PSA, Micro	Neg Amylase Diffusion	
Item 4	Pos	TMB, HemaTrace	Neg	AP, PSA, Micro	Neg Amylase Diffusion	
TMBF9Z						
Item 3	Pos	KM	Pos	ALS, AP, Micro	Neg RSID	
Item 4	Pos	KM	Neg	ALS, AP, Micro	Neg RSID	
TNZQZT						
Item 3	Pos	LMG	Pos	AP, PSA	Neg RSID	
Item 4	Pos	LMG	Neg	AP	Neg RSID	
TRLFJ7						
Item 3	Pos	KM	Pos	ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg	ALS, AP	NT	
TUCNWF						
Item 3	Pos	LMG	Pos	ALS, AP, Micro	NT	
Item 4	Pos	LMG	Neg	ALS, AP	NT	
TVLF3B						
Item 3	Pos	PTMB, RSID	Pos	ALS, AP, PSA, Micro	NT	Urine, Neg Uritrace
Item 4	Pos	PTMB, RSID	Neg	ALS, AP, PSA	Neg Phadebas tablet	
TX99MT						
Item 3	Pos	LMG	Pos	AP, p30, Micro	NT	
Item 4	Pos	LMG	NT		NT	
U344GD						
Item 3	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT	
Item 4	Pos	LMG, HemaTrace	Neg	AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
U3EAD E					
Item 3	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT
Item 4	Pos	KM, HemaTrace	NT	NT	
U4XXXU					
Item 3	Pos	LMG	Pos	ALS, AP, Micro, PSA	NT
Item 4	Pos	LMG	Neg	ALS, AP	NT
U7HVGE					
Item 3	Pos	KM, HemaTrace	Pos	AP, Micro, PSA	Neg RSID
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA	Neg RSID
U8ELAE					
Item 3	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT
Item 4	Pos	KM, HemaTrace	Neg	AP	NT
U93YRW					
Item 3	NT		NT	NT	Human, Pos Quant Duo
Item 4	NT		NT	NT	Human, Pos Quant Duo
UAYATR					
Item 3	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT
Item 4	Pos	TMB	Neg	ALS, AP	NT
UBVLVL					
Item 3	Pos	TMB, Micro, HemaTrace	Pos	AP, Micro, PSA	NT
Item 4	Pos	TMB, Micro, HemaTrace	Neg	AP	NT
UDHH4C					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP	NT
UEQLM3					
Item 3	Pos	KM, HemDirect	Pos	ALS, AP, Micro, PSA	Neg Phadebas
Item 4	Pos	KM, HemDirect	Neg	ALS, AP	NT
UFQD2X					
Item 3	Pos	red-brown, O-tol, HemDirect	Pos	AP, Micro	NT
Item 4	Pos	red-brown, O-tol, HemDirect	Neg	AP, Micro	NT
UKHKJ7					
Item 3	Pos	TMB, HemaTrace	Pos	AP, Micro	NT
Item 4	Pos	TMB, HemaTrace	Neg	AP	NT

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
UL9WUC						
Item 3	Pos	RSID	Pos	RSID	Neg	RSID
Item 4	Pos	RSID	Neg	RSID	Neg	RSID
UNLHUY						
Item 3	Pos	LMG	Pos	ALS, AP, Micro	NT	
Item 4	Pos	LMG	Neg	ALS, AP	NT	
UNXEZ4						
Item 3	Pos	KM	Pos	AP	NT	
Item 4	Pos	KM	Neg	AP	NT	
UQ877Y						
Item 3	Pos	KM, HUM	Pos	ALS, AP, Micro, PSA	NT	
Item 4	Pos	KM, HUM	Neg	ALS, AP, Micro, PSA	NT	
UTEJUR						
Item 3	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB	Neg	ALS, AP	NT	
UTWH76						
Item 3	Pos	KM	Pos	ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg	ALS, AP	NT	
UUBVWM						
Item 3	Pos	TMB, Takayama, HemaTrace	Pos	AP, Micro, PSA	NT	
Item 4	Pos	TMB, Takayama, HemaTrace	Neg	AP, PSA	NT	
UVGH6K						
Item 3	Pos	KM	Pos	ALS, AP	NT	
Item 4	Pos	KM	Neg	ALS, AP	NT	
UVGKWB						
Item 3	Pos	KM	Pos	AP	NT	
Item 4	Pos	KM	Neg	AP	NT	
UW8TWD						
Item 3	Pos	KM, HemaTrace	Pos	AP, p30, and Micro	Neg	RSID
Item 4	Pos	KM, HemaTrace	Neg	AP, p30	Neg	RSID
UYL2EE						
Item 3	Pos	LMG	Pos	AP, RSID, Micro, ALS	NT	
Item 4	Pos	LMG	NT		NT	
V2MEQ7						
Item 3	Pos	TMB, HemaTrace	Pos	ALS, AP, PSA, Micro	Neg	RSID
Item 4	Pos	TMB, HemaTrace	Neg	ALS, AP	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
V46TU7						
Item 3	Pos	PTMB	Pos	ALS, AP, p30, Micro	NT	
Item 4	Pos	PTMB	Neg	ALS, AP	NT	
V6MHKD						
Item 3	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT	Male DNA Screen, Pos Y-Screen Quant Trio
Item 4	Pos	LMG, HemaTrace	Neg	AP, Micro, PSA	NT	Male DNA Screen, Neg Y-Screen Quant Trio
V7U23L						
Item 3	Pos	TMB	Pos	ALS, AP, Micro, PSA		
Item 4	Pos	TMB	Neg	ALS, AP		
VBTHEF						
Item 3	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB	Neg	ALS, AP	NT	
VDUJGY						
Item 3	Pos	KM, HemaTrace	Pos	AP, PSA	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA	Neg	Phadebas
VEMGMJ						
Item 3	Pos	KM	Pos	ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg	ALS, AP, Micro	NT	
VGX2T9						
Item 3	Pos	KM, Takayama	Pos	AP, Micro, PSA	NT	Human Origin, Pos PowerQuant
Item 4	Pos	KM, Takayama, HemaTrace	Neg	AP	NT	Human Origin, Pos HemaTrace, PowerQuant
VJN97H						
Item 3	Pos	TMB	Pos	AP, Microscopy	NT	
Item 4	Pos	TMB	NT		NT	
VM89JD						
Item 3	Pos	KM	Pos	AP, Micro	Neg	Phadebas
Item 4	Pos	KM	Neg	AP	Neg	Phadebas
VNAFDP						
Item 3	Pos	KM	Pos	AP, Micro	Neg	Phadebas
Item 4	Pos	KM	Neg	AP	NT	
VNYC9D						
Item 3	Pos	KM	Pos	ALS, AP, PSA, Micro	NT	Human Origin, Pos HemaTrace
Item 4	Pos	KM	Neg	ALS, AP	NT	Human Origin, Pos HemaTrace

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
VPBYTD					
Item 3	Pos	LMG	Pos AP, PSA	NT	Human Blood, Pos RSID
Item 4	Pos	LMG	Neg AP	NT	Human Blood, Pos RSID
VRFMWH					
Item 3	Pos	HemaTrace, KM	Pos PSA, Micro	Neg RSID	Male DNA, Pos Y-screening
Item 4	Pos	HemaTrace, KM	Neg PSA, Micro	Neg RSID	Male DNA, Neg Y-screening
VUHL8A					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP	NT	
VXXXT					
Item 3	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	Human origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	Human origin, Pos HemaTrace
VX2XRX					
Item 3	Pos	KM, HemDirect	Pos ALS, AP, Micro, PSA	Neg ALS, Phadebas	
Item 4	Pos	KM, HemDirect	Neg ALS, AP, Micro, PSA	Neg ALS, Phadebas	
VXN6EJ					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
W2LZJ4					
Item 3	Pos	KM, HemaTrace	Pos ALS, AP, Micro, p30		
Item 4	Pos	KM, HemaTrace	Neg ALS, AP, Micro, p30		
W2WZDD					
Item 3	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
W3PZBN					
Item 3	Pos	KM, LMG	Pos AP, Micro	Neg PHADEBAS	
Item 4	Pos	KM, LMG	Neg AP	Neg PHADEBAS	
W47UBX					
Item 3	Pos	KM, Hexagon	Pos PSA	NT	
Item 4	Pos	KM, Hexagon	Neg PSA	NT	
W9F7C6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
WCG7C3					
Item 3	Pos	KM	Pos AP	NT	
Item 4	Pos	KM	Neg AP	NT	
WD8G4U					
Item 3	Pos	LMG, HemaTrace	Pos AP, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP, Micro	NT	
WER8G9					
Item 3	Pos	KM	Pos AP, ALS, Micro	NT	
Item 4	Pos	KM	Neg AP, ALS	NT	
WFYC9C					
Item 3	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
WHMPRU					
Item 3	Pos	KM	Pos AP, Micro, PSA	NT	
Item 4	Pos	KM	Neg AP	NT	
WHQC7M					
Item 3	Pos	KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas	Y-Screening for male DNA, Pos Quantifiler Trio
Item 4	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	Y-Screening for male DNA, Neg Quantifiler Trio
WJ38RE					
Item 3	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
WL7TQD					
Item 3	Pos	LMG	Pos AP, Micro, p30	NT	
Item 4	Pos	LMG	Neg AP, p30	NT	
WLHL89					
Item 3	Pos	ABAcad HemaTrace	Pos ABAcad p30	NT	
Item 4	Pos	ABAcad HemaTrace	Neg ABAcad p30	NT	
WQ3LF2					
Item 3	Pos	KM, HemDirect	Pos AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
WRQ9JN					
Item 3	Pos	LMG	Pos AP, Micro	NT	
Item 4	Pos	LMG	Neg AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
WTTNMB					
Item 3	Pos	KM	Pos AP, PSA, Micro	NT	
Item 4	Pos	KM	Neg AP	NT	
WUF98K					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
WW7FNB					
Item 3	Pos	KM	Pos ALS, AP, PSA	Neg RSID	Human, Pos PowerQuant
Item 4	Pos	KM	Neg ALS, AP	Neg RSID	Human, Pos PowerQuant
WWK2ZX					
Item 3	Pos	KM, OBTI	Pos AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, OBTI	Neg AP, Micro, PSA	Neg Phadebas	
WVRYJB					
Item 3	Pos	KM	Pos AP, PSA, Micro	NT	
Item 4	Pos	KM	Neg AP	NT	
WXH6Y2					
Item 3	Pos	KM	Pos AP	NT	
Item 4	Pos	KM	Neg AP	NT	
WXJ39B					
Item 3	Pos	KM, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
WYT6UA					
Item 3	Pos	KM	Pos AP	NT	
Item 4	Pos	KM	Neg AP	NT	
X34JVL					
Item 3	Pos	LMG, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
X42WFT					
Item 3	Pos	KM	Pos AP, Microscopic	NT	
Item 4	Pos	KM	Neg AP	NT	
X6A9V9					
Item 3	Pos	KM	Pos AP, Micro, PSA	NT	
Item 4	Pos	KM	Neg AP	NT	
X6B2TG					
Item 3	Pos	PTBM, Precipitin	Pos ALS, AP, Micro	Neg ALS, Phadebas	
Item 4	Pos	PTBM, Precipitin	Neg ALS	Neg ALS	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
X76RYV					
Item 3	Pos	KM, HemaTrace	Pos ALS, AP, Micro	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	
X7AXTC					
Item 3	Pos	KM	Pos ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
X8HCR7					
Item 3	Pos	PTMB, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos	PTMB	Neg ALS, AP	Neg Phadebas Tablet	Urine, Neg Uritrace
X8HEGA					
Item 3	Pos	KM	Pos ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
XAPGJ9					
Item 3	Pos	KM, HemaTrace	Pos AP, Micro	Neg RSID Saliva	
Item 4	Pos	KM, HemaTrace	Neg AP	Neg RSID Saliva	
XB38TD					
Item 3	Pos	TMB	Pos AP, Micro, PSA, ALS	NT	Human, Pos HEM
Item 4	Pos	TMB	Neg AP, ALS	NT	Human, Pos HEM
XE2DEA					
Item 3	Pos	KM	Pos AP, Micro	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	
XGLCJR					
Item 3	Pos	LMG, HT	Pos AP, Micro	NT	
Item 4	Pos	LMG, HT	Neg AP, Micro	NT	
XHHMKM					
Item 3	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
XJVGWG					
Item 3	Pos	O-tol	Pos AP		
Item 4	Pos	O-tol	Neg AP		
XK7EAX					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
XK8246					
Item 3	Pos	KM	Pos AP, Micro, ALS	NT	
Item 4	Pos	KM	Neg AP, ALS	NT	
XLLH6P					
Item 3	Pos	LMG	Pos AP, PSA, Micro, ALS	NT	
Item 4	Pos	LMG	Neg AP, ALS	NT	
XLMB3X					
Item 3	Pos	KM, HemaTrace	Pos AP, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
XMDJ2Z					
Item 3	Pos	KM	Pos AP, ALS, Micro	NT	
Item 4	Pos	KM	Neg AP, ALS	NT	
XMF99J					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
XMPHWA					
Item 3	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg RSID-Saliva	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg RSID-Saliva	
XMR93R					
Item 3	Pos	KM, TMB	Pos AP	NT	
Item 4	Pos	KM, TMB	Neg AP	NT	
XMVRTF					
Item 3	Pos	O-tol	Pos AP, PSA		
Item 4	Pos	O-tol	Neg AP		
XRKA67					
Item 3	Pos	KM, Takayama	Pos AP, Micro, PSA	Neg RSID	Human origin, Pos PowerQuant
Item 4	Pos	KM, Takayama, HemaTrace	Neg AP	Neg RSID	Human origin, Pos HemaTrace, PowerQuant
XRMYPB					
Item 3	Pos	KM, LMG	Pos AP, Micro	Neg Phadebas	
Item 4	Pos	KM, LMG	Neg AP	Neg Phadebas	
XTFVXX					
Item 3	Pos	KM			Male DNA, Pos Zygem
Item 4	Pos	KM			

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
XTK4BR					
Item 3	Pos	KM, HemaTrace	Pos	AP, Micro, PSA	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Neg	AP, Micro, PSA	Neg Phadebas
XTNJPD					
Item 3	Pos	KM	Pos	AP, Micro	NT
Item 4	Pos	KM	Neg	AP	NT
XUB7ZR					
Item 3	Pos	TMB, KM	Pos	ALS, AP, PSA, Micro	NT
Item 4	Pos	TMB, KM	Neg	ALS, AP, PSA, Micro	NT
XV62F9					
Item 3	Pos	KM, HemaTrace	Pos	AP, Micro	Neg RSID
Item 4	Pos	KM, HemaTrace	Neg	AP	Neg RSID
XVQNZC					
Item 3	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT
Item 4	Pos	LMG, HemaTrace	Neg	AP	NT
XW48W4					
Item 3	Pos	KM Test	Pos	AP Test, Micro Exam	NT
Item 4	Pos	KM Test	Neg	AP Test, Micro Exam	NT
XXFUG3					
Item 3	Pos	KM, HemaTrace	Pos	AP, p30, Micro	NT
Item 4	Pos	KM, HemaTrace	Neg	AP	NT
XZLF9A					
Item 3	Pos	LMG, HemaTrace	Pos	AP, PSA, Micro	NT
Item 4	Pos	LMG, HemaTrace	Neg	AP	NT
Y244VT					
Item 3	Pos	KM, HemDirect	Pos	AP, Micro, PSA	Neg Phadebas
Item 4	Pos	KM, HemDirect	Neg	AP, Micro, PSA	Neg Phadebas
Y3KVDQ					
Item 3	Pos	LMG	Pos	ALS, AP, Micro, PSA	NT
Item 4	Pos	LMG	Neg	ALS, AP	NT
Y69PUR					
Item 3	Pos	KM, Hemtrace	Pos	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg Phadebas
Y7YXTU					
Item 3	Pos	KM	Pos	AP, PSA, Micro	NT
Item 4	Pos	KM	Neg	AP	NT

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
Y9QTF4				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	NT	NT	
YA3JRT				
Item 3	Pos KM, Takayama	Pos AP, Micro	Neg SALLgAE (Amylase)	
Item 4	Pos KM, Takayama	Neg AP, Micro, ABACard 30	Neg SALLgAE (Amylase)	
YBE6GU				
Item 3	Pos KM, HemDirect	Pos ALS, AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, HemDirect	Neg ALS, AP, Micro	Neg Phadebas	
YBVGXE				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
YCDG6B				
Item 3	Pos KM	Pos ALS, AP, Micro	NT	
Item 4	Pos KM	Neg ALS, AP	NT	
YF7JZA				
Item 3	Pos KM, HemaTrace	Pos AP, p30 + Micro	NT	
Item 4	Pos KM, HemaTrace	Neg AP, p30	NT	
YFBM32				
Item 3		Pos AP		
Item 4		Neg AP		
YFUNTA				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
YJ6VVA				
Item 3	Pos LMG	Pos PSA	NT	
Item 4	Pos LMG	Neg PSA	NT	
YJCQV9				
Item 3	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg AP	NT	
YJR8NG				
Item 3	Pos TMB, Micro, HemaTrace	Pos AP, Micro, p30	NT	
Item 4	Pos TMB, Micro, HemaTrace	Neg AP, p30, Micro	NT	
YK6LCP				
Item 3	Pos LMG	Pos AP, Micro, PSA, ALS	NT	
Item 4	Pos LMG	Neg AP, ALS	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
YNJE8P				
Item 3	Pos KM	Pos PSA, Micro	NT	
Item 4	Pos KM	Neg PSA, Micro	NT	
YNJJHR				
Item 3	Pos TMB	Pos ALS, AP	NT	
Item 4	Pos PHT, HT	Neg ALS, AP, Micro, p30	NT	
YQAPXH				
Item 3	Pos KM	Pos AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
YQD6D4				
Item 3	Pos O-tol	Pos AP, Micro	Neg Phadebas	
Item 4	Pos O-tol	Neg AP	NT	
YR3HT2				
Item 3	Pos Heme	Pos PSA, Micro		
Item 4	Pos Heme	Neg PSA, Micro		
YTDF7H				
Item 3	Pos TMB	Pos ALS, AP, Micro, PSA		
Item 4	Pos TMB	Neg ALS, AP		
YTYR7Q				
Item 3	Pos TMB, HemaTrace	Pos ALS, AP, PSA, Sperm search	NT	
Item 4	Pos PHT, HemaTrace	Neg ALS, AP	NT	
YUTQ7B				
Item 3	Pos KM	Pos ap, Micro	NT	
Item 4	Pos KM	Neg ap	NT	
YXVD2Z				
Item 3	Pos KM	Pos AP	NT	
Item 4	Pos KM	Neg AP	NT	
ZBUNY7				
Item 3	Pos KM, HemaTrace	Pos PSA, Micro	Neg RSID	
Item 4	Pos KM, HemaTrace	Neg PSA	Neg RSID	
ZC6LCN				
Item 3	Pos TMB	Pos ALS, AP, Micro, p30	NT	Human, Pos HemaTrace
Item 4	Pos PHT	Neg ALS, AP, Micro, p30	NT	Human, Pos HemaTrace

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
ZCBV9U						
Item 3	Pos	KM, HemaTrace	Pos	AP, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA	Neg Phadebas	
ZEUZV7						
Item 3	Pos	KM, HemaTrace	Pos	PSA, Micro	NT	
Item 4	Pos	KM, HemaTrace	NT		NT	
ZEV RTE						
Item 3	Pos	KM	Pos	AP, Micro	NT	
Item 4	Pos	KM	Neg	AP, Micro	NT	
ZH8ZRX						
Item 3	Pos	KM	Pos	ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg	ALS, AP, Micro	NT	
ZHWV ML						
Item 3	Pos	TMB	Pos	ALS, AP, Micro, PSA	NT	Species Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg	ALS, AP	NT	Species Origin, Pos HemaTrace
ZKKA66						
Item 3	Pos	KM	Pos	AP, PSA	Neg RSID	Human Origin, Pos PowerQuant
Item 4	Pos	KM	Neg	AP	NT	Human Origin, Pos PowerQuant
ZMKPAL						
Item 3	Pos	LMG, Ouchterlony (anti Hu-Hb)	Pos	AP, Micro, PSA	Neg	Amylase radial Diffusion
Item 4	Pos	LMG, Ouchterlony (anti Hu-Hb)	Neg	AP, Micro, PSA	Neg	Amylase radial Diffusion
ZN4EMZ						
Item 3	Pos	TMB	Pos	AP	NT	
Item 4	Pos	TMB	Neg	AP	NT	
ZPWBCU						
Item 3	Pos	KM	Pos	ALS, AP and Micro	Neg	RSID
Item 4	Pos	KM	Neg	ALS, AP and Micro	Neg	RSID
ZQP9HF						
Item 3	Pos	Hexagon OBTI	Pos	PSA	Neg	RSID Saliva
Item 4	Pos	Hexagon OBTI	Neg	PSA	Neg	RSID Saliva
ZUPCCM						
Item 3	Pos	LMG	NT		NT	
Item 4	Pos	LMG	NT		NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
ZWFJRD					
Item 3	Pos	KM	Pos AP, Micro for Sperm	NT	
Item 4	Pos	KM	Neg AP, Micro for Sperm	NT	
ZWXM9Q					
Item 3	Pos	KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
ZXNQWR					
Item 3	Pos	TMB, KM, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
Item 4	Pos	TMB, KM, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
ZXPJVY					
Item 3	Pos	KM	Pos ALS, AP, Micro	Neg ALS, Phadebas	Human DNA detected, Pos Quant Trio
Item 4	Pos	KM	Neg ALS, AP, Micro	Neg ALS, Phadebas	Human DNA detected, Pos Quant Trio
ZY2HRU					
Item 3	Pos	KM, HemaTrace	Pos AP, p30	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, p30	Neg Phadebas	
ZYGQU3					
Item 3	Pos	KM	Pos AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	

Table 1: Serology Screening Response Summary				Item 3	Participants: 668
ITEM 3:	Blood	Semen	Saliva		
Positive	659	641	0		
Negative	0	1	158		
Inconclusive	0	0	2		
Not Tested (NT)	8	25	486		
Not Reported	1	1	22		

Table 1: Serology Screening Response Summary				Item 4	Participants: 667
ITEM 4:	Blood	Semen	Saliva		
Positive	659	0	0		
Negative	0	625	143		
Inconclusive	0	0	0		
Not Tested (NT)	7	40	496		
Not Reported	1	2	28		

STR Amplification Kit(s) & Results

TABLE 2

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

Item 1 - STR Results

2278RG	Investigator® 24plex					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
23EPHZ	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
24DG69	GlobalFiler™ Express					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
27FN27	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
286YRY	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
29HF6C	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	[9,13]
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	No Results			No Results	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

2AWVMK	Investigator® 24plex QS					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
2DVF34	PowerPlex® Fusion 5C and 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
2DWZGR	GlobalFiler™ Express					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
2E7DFK	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
2EP78H	GlobalFiler™ (STRmix version 2.4)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
2F4HFN	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
2F8XUA	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

2HNFK6	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
2JZB6C	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
2KX868	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
2PQF7T	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
2UKA4U	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
2VWAZN	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
2WD7TN	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

2YFDLZ	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
2YYWUT	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	--			--	
2ZAWQM	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
3233TY	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
34496J	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
34M6J6	Investigator® 24plex QS					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	-				
36D8D8	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

36GMMT	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	---			---	
36XY9D	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
37BLTD	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
3B7D2A	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
3CKMVC	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
3FC6YL	GlobalFiler™ PCR Amplification kit					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
3NANMB	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	No Result			No Result	

TABLE 2

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

Item 1 - STR Results

3NUEMH	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	-
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	-	-	16,23	6,6	8,8
	16,17	-	-	-	-	-
3TJQN7	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
3VQ2MV	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
3YUZXM	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
44HUG7	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	N/A
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	N/A	N/A	16,23	6,6	8,8
	16,17	N/A	N/A	N/A	N/A	
44KKMP	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
44Z48L	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

47LU9Q	GlobalFiler™ Express					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X,X	12
	22,23			16,23	6	8
	16,17	NM			NM	
48J8UX	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
48KVG4	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
49EQXK	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
49T8Y6	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
4AA2YF	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
4ARBQV	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

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

Item 1 - STR Results

4BYFHX	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
4EZGKF	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
4FYL2A	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	no results			no results	
4JCGPK	GlobalFiler™ (STRmix 2.5)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
4K79VY	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
4K8ACQ	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
4LG2K8	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

4MFD9M	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
4MVLBV	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
4N7K8Q	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
4PYGUY	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
4R9CP4	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
4T4Z4T	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
4UWXAE	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

4VNUWM	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
4XCJ47	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
64D2UH	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
66ADVD	Investigator® 24plex					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
67JH92	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
6A68TE	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
6AKHBJ	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

6D4DEC	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
6D4MXV	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
6DKU8J	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
6F7K9N	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	-			-	
6G4XTV	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
6K387H	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
6KFNBJ	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

6LU94U	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
6M8VMT	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
6QWWW3	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
6R6ABJ	GlobalFiler™ (STRmix 2.5v)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
6RKHDR	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	--			--	
6TY373	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
6UCE3L	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

6WZ49K	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
74V7AV	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	No Results			No Results	
79TMMP	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
7C7HBZ	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
7CTXHP	GlobalFiler™ Express (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
7GE2Y8	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17	No Results	No Results	No Results		
7GJ9TN	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X,X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

7GZNV	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
7HC7XA	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	Not detected			Not detected	
7HGL7	Investigator® 24plex QS					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
7MRQT2	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
7R4UJ4	PowerPlex® Fusion (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
7RKVKK	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
7RZ2XP	GlobalFiler™ Express					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X,X	12
	22,23			16,23	6	8
	16,17	NM			NM	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

7U98JQ	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
7X9FNZ	PowerPlex® 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
7XNY8X	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
7XQB8M	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	-			-	
7Z9VRH	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
84R6KF	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
86KZ2W	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

87GC27	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	No results			No results	
88M7CW	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
88QLRH	PowerPlex® 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17	NR	NR	NR		
8AGHL4	Investigator® 24plex					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
8CJGXW	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
8EBCLQ	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
8FKLAG	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

8FLE9N	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
8GB2BC	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
8GDM8R	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
8GEBWH	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
8GECDA	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17					
8GW7EK	Identifiler® Plus					
		21,26		15	8,13	
1	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X	12
	22,23				6	8
	16,17					
8GZQ49	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	ND			No result	

TABLE 2

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

Item 1 - STR Results

8LDNHM	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
8NGJ2P	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
8Q3B6F	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
8UKJE2	GlobalFiler™ Express					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
8VVJ4F	GlobalFiler™ PCR Amplification Kit					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
8WU92J	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
8XZZLJ	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	NA
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	NA	6	8
	16,17	NR/NE	NA	NA	NA	

TABLE 2

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

Item 1 - STR Results

8YBRRF	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
8ZPD43	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
97P49D	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
97UHLE	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17	NR	NR	NR		
99DM8P	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
99YX8Y	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
9FFMTD	GlobalFiler™ (STRmix v2.5)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

9FJ39Y	Investigator® 24plex QS					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	-				
9FYBDT	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
9GAEH6	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
9HZKYV	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
9K9NT8	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
9K9QKW	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
9KAL43	Investigator® 24plex QS					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

9L2L2D	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
9LKGHE	GlobalFiler™ PCR Amplification Kit					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
9MUEWW	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
9NQZJV	PowerPlex® Fusion					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
9PZZLH	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17	NR	NR	NR		
9Y9GC3	Investigator® 24plex GO!					
	13,14	21,26	11,14	15,15	8,13	N/A
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	N/A	N/A	16,23	6,6	8,8
	16,17	N/A	N/A	N/A	N/A	
9Z3B46	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	-
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	-	-	16,23	6	8
	16,17	-	-	-	-	

TABLE 2

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

Item 1 - STR Results

A3MEG6	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	No Results			No Results	
A6BWMW	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
A6TR8J	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	NA
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	NA	6	8
	16,17	NR/NE	NA	NA	NA	
A6UR6X	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
A7PB9K	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	-			-	
A7R4UY	GlobalFiler™ Express					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
A9T8BZ	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

ACXPYV	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
ADAL4Z	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
AE2L2B	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17	NT				
AEYWWT	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
AFYLTW	PowerPlex® Fusion 6C Direct					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
AH4HTR	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
AL3TPR	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

AMCJCA	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
AMF42X	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
AMF7TN	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
AN7ETQ	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
APDXAY	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
AQCU9A	Investigator® 24plex, MiniFiler					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
AQYFKZ	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

AU9PGB	PowerPlex® Fusion					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17	NR				
AVCY2H	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
AVQRDB	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	N/A
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	N/A	N/A	16,23	6,6	8,8
	16,17		N/A	N/A	N/A	
AWM4F7	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
AWMWFY	GlobalFiler™ Express					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
AXV3NT	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
B4JD6V	PowerPlex® Fusion 6C Direct					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

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

Item 1 - STR Results

B6QJFB	PowerPlex® Fusion 5C					
	13,14	[21],26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17					
B73ARZ	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
B9ARPV	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
B9MD6Y	Identifiler® Plus					
		21,26		15	8,13	
1	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X	12
	22,23				6	8
	16,17					
BA4F4K	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
BBWBQT	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
BCMJQW	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

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

Item 1 - STR Results

BDJ4BB	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
BEVMMT	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
BJRB2F	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
BJT7QD	GlobalFiler™ (STRmix v2.5)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
BKLWWR	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
BMVZQ4	PowerPlex® 21					
	13,14	21,26		15,15	8,13	16,20
1	9,10	14,15		21,24	8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
BUAVLC	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

BUAZVE	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
BWGDJ8	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
BYZA7C	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
BZWL88	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	N/A				
C2KLHM	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
C2LBN6	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
C4P789	PowerPlex® Fusion 5c					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

C6QPMW	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
CAYC2T	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X,X	12
	22,23	11	11,15		6	8
	16,17					
CBFEYU	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
CC38JB	GlobalFiler™ Express					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	-			-	
CC8BMN	GlobalFiler™ Express					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
CGJG4U	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
CHAJRV	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

CJNZWW	Investigator® 24plex QS					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
CTVNYU	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
CU6KGT	PowerPlex® Fusion 6C, GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	NOT TESTED
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17	NO RESULTS	NO RESULTS	NO RESULTS	NO RESULTS	
CU9BJU	PowerPlex® Fusion 6C Direct					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
CVDWXU	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
CVK2HD	PowerPlex® 5C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
CVMKNN	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

CX8QPW	Identifiler®, GlobalFiler™ Express					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
CYNNHW	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
CZW69F	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
D23M7B	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
D23RER	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
D2JYPF	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
D3FEYR	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

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

Item 1 - STR Results

D3GC83	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
D3XFPZ	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
D49AF9	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
D66RGA	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	NA
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	NA	6	8
	16,17	NR/NE	NA	NA	NA	
D6XMXR	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
D9XYR7	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
DBRB2D	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

DC39FV	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
DETEVL	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
DF6BZP	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
DGCK3V	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
DHUK97	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
DJH2HD	Identifiler® Plus					
		21,26		15	8,13	
1	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X	12
	22,23				6	8
	16,17					
DJZ6XR	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

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

Item 1 - STR Results

DL7MWM	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
DLMTAR	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17					
DLMXH9	PowerPlex® Fusion, Fusion 6C					
	13,14	21,26	11,14	15	8,13	NT
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17	NR	NR	NR	NT	
DLPJGA	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
DNGE64	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
DNWP6W	Identifiler®, GlobalFiler™ Express					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
DTAJWM	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

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

Item 1 - STR Results

DTB936	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
DU46PD	Identifiler® Direct					
		21,26		15	8,13	
1	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12
	22,23				6	8
	16,17					
DU8XCR	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
DVGPHN	Investigator® 24plex GO! (TrueAllele)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR				
DX798R	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
E2HFAR	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	NT
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	NT	NT	16,23	6	8
	16,17	NR	NT	NT	NR	
E6WCFT	Identifiler® Plus					
		21,26		15,15	8,13	
1	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23				6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

E7W4WA	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
E8636X	Investigator® 24plex GO!					
	13,14	21,26	11,14	15,15	8,13	N/A
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	N/A	N/A	16,23	6,6	8,8
	16,17	N/A	N/A	N/A	N/A	
E86B2N	PowerPlex® Fusion5C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17					
E8MACZ	Identifiler® Plus					
		21,26		15,15	8,13	
1	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23				6,6	8,8
	16,17					
E9GZFU	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
E9X98A	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	NA
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	NA	6	8
	16,17	NR/NE	NA	NA	NA	
EB4PND	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

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

Item 1 - STR Results

EB7AKT	Investigator® 24plex QS					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	-				
EC2ZHV	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
EDTZF7	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
EEMTBP	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
EFYJLE	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
EGQNUR	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
EGRGRZ	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

EHQFB9	PowerPlex® Fusion 6C					
		13,14	21,26	11,14	15	8,13
	1	9,10	14,15	14	21,24	8,12 9,13
		18,19	13,16	29,31.2	16	X 12
		22,23	11	11,15	16,23	6 8
	16,17	NR	NR	NR		
EKAJWK	PowerPlex® Fusion 6C					
		13,14	21,26	11,14	15	8,13
	1	9,10	14,15	14	21,24	8,12 9,13
		18,19	13,16	29,31.2	16	X 12
		22,23	11	11,15	16,23	6 8
	16,17					
EMKA9A	GlobalFiler™ (STRmix 2.5v)					
		13,14	21,26	11,14	15,15	8,13
	1	9,10	14,15	14,14	21,24	8,12 9,13
		18,19	13,16	29,31.2	16,16	X,X 12,12
		22,23			16,23	6,6 8,8
	16,17	NR			NR	
EP2TY7	GlobalFiler™					
		13,14	21,26	11,14	15,15	8,13
	1	9,10	14,15	14,14	21,24	8,12 9,13
		18,19	13,16	29,31.2	16,16	X,X 12,12
		22,23			16,23	6,6 8,8
	16,17	-			-	
ETQ2JT	PowerPlex® ESX16 Fast					
		13,14	21,26	11,14	15,15	
	1		14,15	14,14	21,24	9,13
		18,19	13,16	29,31.2	16,16	X,X
		22,23				6,6
	16,17					
EV8JAN	PowerPlex® Fusion 6C					
		13,14	21,26	11,14	15,15	8,13
	1	9,10	14,15	14,14	21,24	8,12 9,13
		18,19	13,16	29,31.2	16,16	X,X 12,12
		22,23	11,11	11,15	16,23	6,6 8,8
	16,17					
EXFGYY	GlobalFiler™					
		13,14	21,26	11,14	15,15	8,13
	1	9,10	14,15	14,14	21,24	8,12 9,13
		18,19	13,16	29,31.2	16,16	X,X 12,12
		22,23			16,23	6,6 8,8
	16,17	No Results			No Results	

TABLE 2

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

Item 1 - STR Results

EYDZP8	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
F3BRJP	PowerPlex® Fusion 6C Direct					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
F4KLGB	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
F4N77Y	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	-			-	
F699KX	GlobalFiler™, MiniFiler					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	No Results			No Results	
F6EAVZ	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
F6ECMP	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

F6UN6V	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
F7BP7C	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
F8Z688	PowerPlex® Fusion 5C, Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17	NR	NR	NR		
FA7LMP	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
FB37AP	Identifiler® Plus					
		21,26		15,15	8,13	
1	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23				6,6	8,8
	16,17					
FBXUHC	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
FD8K8G	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

FDCWTR	Investigator® 24plex QS					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
FECJRN	PowerPlex® Fusion 6C, GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	Not tested
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17	NR	NR	NR	NR	
FEHNR	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	-
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	-	-	16,23	6	8
	16,17	-	-	-	-	
FFBKZZ	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
FG9UTH	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
FHN39X	PowerPlex® 21					
	13,14	21,26		15,15	8,13	16,20
1	9,10	14,15		21,24	8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
FKBLAV	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

FKQ2JQ	PowerPlex® Fusion 6C Direct					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
FLVPNU	Identifiler® Plus					
		21,26		15	8,13	
1	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X	12
	22,23				6	8
	16,17					
FQT2R8	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
FRQCLP	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
FUVUJ	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
FW3DTE	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
FW6XPU	PowerPlex® Fusion 6C Direct					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

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

Item 1 - STR Results

FWGNMD	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X,X	12
	22,23			16,23	6	8
	16,17					
FYLGEG	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
G67WHN	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
G72G7M	PowerPlex® Fusion 6C, GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	Not Tested
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17	No Results	No Results	No Results	No Results	
G78K9E	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	NA
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	NA	NA	16,23	6,6	8,8
	16,17	NA	NA	NA	NA	
G8ZHEZ	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
GBWB4N	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

GCDD3A	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
GEEE6R	Identifiler®, GlobalFiler™ Express					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
GEUWT7	PowerPlex® 21 (GeneMapper ID)					
	13,14	21,26		15	8,13	16,20
1	9,10	14,15		21,24	8,12	9,13
	18,19	13,16	29,31.2		X	12
	22,23	11	11,15		6	8
	16,17					
GEWHNL	PowerPlex® ESI FAST 16					
	13,14	21,26	11,14	15,15		
1		14,15	14,14	21,24		9,13
	18,19	13,16	29,31.2	16,16	X,X	
	22,23				6,6	
	16,17					
GF8GKF	PowerPlex® Fusion					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17	INC				
GHCZRN	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	not tested
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17	no result	no result	no result	not tested	
GJRAWH	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

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

Item 1 - STR Results

GK6WGH	GlobalFiler™ Express					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
GMVWG	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
GPGUW	PowerPlex® 21					
	13,14	21,26		15,15	8,13	16,20
1	9,10	14,15		21,24	8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
GTGV99	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
GVFDXM	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
GVKTBN	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
GYLRUU	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

GZDRR6	Identifiler® Plus					
		21,26		15,15	8,13	
1	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23				6,6	8,8
	16,17					
H4V6CR	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	No Results				
H4XUHB	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
H6N6A4	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
H7Y67X	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
HAYF2X	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
HBY7GT	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

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

Item 1 - STR Results

HCPDWJ	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
HJKGH8	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17	NR	NR	NR		
HKYTC7	GlobalFiler™ PCR Amplification Kit					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
HNPY8N	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
HQNJM8	Investigator® 24plex QS					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
HTCZWF	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	ND			ND	
HTEFHT	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

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

Item 1 - STR Results

HTQGZX	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
HUK3QR	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
HUMTWA	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
HVYJVR	Identifiler® Plus					
		21,26		15	8,13	
1	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X	12
	22,23				6	8
	16,17					
HXPPD4	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
HZAR6A	Identifiler® Direct					
		21,26		15	8,13	
1	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12
	22,23				6	8
	16,17					
J2MCXJ	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

J3A6G2	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	No results			No result	
J4TWM6	GlobalFiler™ (STRmix 2.5v)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
J68ENP	GlobalFiler™ Express					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
J6H9DX	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
J79FD2	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
J7C2AG	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
J8T9GJ	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

J9E23M	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
J9JC87	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
J9ZKYL	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
JADX2W	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
JBCZTM	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
JBPYG4	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
JC7V94	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

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

Item 1 - STR Results

JETM7R	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
JHMDH6	PowerPlex® Fusion 6C, ESI 17 FAST, NGM Detect					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
JL9BY9	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
JLA4WF	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	No Results			No Results	
JLDNL6	GlobalFiler™ (STRMix 2.5v)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
JNERDR	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
JNVR9G	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

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

Item 1 - STR Results

JZNF6X	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
JZTLR6	GlobalFiler™ (STRmix v2.5)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
K2MMCM	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
K3T9P2	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	No result			No result	
K4463J	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
K4KCBL	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
K786U4	GlobalFiler™ PCR Amplification Kit					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

K8MBLE	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	No Results			No Results	
K92H8V	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
K9F79M	Investigator® 24plex QS					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
K9X3RA	PowerPlex® Fusion 6C, GlobalFiler™ (GeneMapper ID-X Software)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
KA96FU	Identifiler® Plus					
		21,26		15,15	8,13	
1	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23				6,6	8,8
	16,17					
KBLRX9	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	n/a			n/a	
KDDNM3	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17	NID	NID	NID		

TABLE 2

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

Item 1 - STR Results

KE3YDV	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
KFGJ76	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
KFVR9E	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
KH8LV7	Investigator® 24plex					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
KJW2W2	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
KJYMRG	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
KKU7W4	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	NA
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	NA	NA	16,23	6	8
	16,17		NA	NA		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

KLQGXY	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
KN9XQ4	Investigator® 24plex (STRMix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
KNW3NJ	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
KPLDEC	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
KPNXCD	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
KXFH8D	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
KXH8EW	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

L2UFD	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
L37CHK	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
L6VEWK	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X,X	12
	22,23	11	11,15	16,23	6	8
	16,17					
L8GJ74	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
LA8LV4	Investigator® 24plex QS (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
LD8TG2	GlobalFiler™ (STRmix 2.5)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
LE2JMF	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

LFBBTC	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
LGLDEB	PowerPlex® Fusion					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17	INC				
LGNC7X	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	N/T
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	N/T	N/T	16,23	6,6	8,8
	16,17	N/R	N/T	N/T	N/R	
LK6HX7	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
LR4YHJ	PowerPlex® Fusion 5C, 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
LTMMDL	PowerPlex® Fusion Direct 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
LUV444	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

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

Item 1 - STR Results

LVB3MT	GlobalFiler™ (STRMix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	-			-	
LWJF3A	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
LXAQT3	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	NA
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	NA	6	8
	16,17	NR/NE	NA	NA	NA	
LXE8R2	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
LXV7ZR	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	Not Tested
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	Not Tested	Not Tested	16,23	6,6	8,8
	16,17	No Results	Not Tested	Not Tested	No Results	
LYCBR4	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
LYQTRN	PowerPlex® Fusion 6C Direct					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

M2NPHG	PowerPlex® Fusion 6C, GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17	NR	NR	NR	NR	
M3P9W6	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17	ND	ND	ND		
M6RJH8	GlobalFiler™ Express					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X,X	12
	22,23			16,23	6	8
	16,17	NM			NM	
M6WQV2	GlobalFiler™ (STRmix v2.5)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
M8DAKW	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
M8GPZH	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
M8YP7T	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

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

Item 1 - STR Results

MDN7HJ	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
MEG4N6	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X,X	12
	22,23			16,23	6	8
	16,17	NR			NR	
MHGFJ6	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X,X	12
	22,23			16,23	6	8
	16,17	NR			NR	
MKLYQD	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
MLALU2	GlobalFiler™ PCR Amplification Kit (GeneMapperID-X version 1.4)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	-			-	
MMCZXM	GlobalFiler™ Express					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
MMVYVK	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X,X	12
	22,23			16,23	6	8
	16,17	NR			NR	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

MPCHLG	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
MQB8JK	PowerPlex® Fusion 6C Direct					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
MV3QC3	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
MV4HAA	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
MVXF8H	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
MWR7DX	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
N3KBYE	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

N4WBV9	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
N8VLR9	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
NCMV28	GlobalFiler™, GF Express					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
NCR9MH	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
NDFU8T	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
NKG2TM	Investigator® 24plex QS					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
NMLB36	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	-			-	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

NN4FL4	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17	ND	ND	ND		
NNWDQP	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	No results			No results	
NQ27J3	Identifiler® Plus					
		21,26		15	8,13	
1	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X	12
	22,23				6	8
	16,17					
NWC3FP	PowerPlex® 21					
	13,14	21,26		15,15	8,13	16,20
1	9,10	14,15		21,24	8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
NXNMKT	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
P26E7F	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
P64P3E	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

P7D429	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
P7FT8Q	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
P7UZT8	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	--			--	
PBQUHW	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
PDE34J	GlobalFiler™ Express (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
PMNG2E	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
PN3ZUN	PowerPlex® 21					
	13,14	21,26		15,15	8,13	16,20
1	9,10	14,15		21,24	8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

PPAAU9	GlobalFiler™ 1910090					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
PQPKVL	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
PRAM9L	Identifiler® Plus					
		21,26		15	8,13	
1	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X	12
	22,23				6	8
	16,17					
PTRMEW	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
PUM7HH	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
PVE7FU	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
Q3V2WN	Identifiler® Plus					
		21,26		15,15	8,13	
1	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23				6,6	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

Q4PR33	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	-			-	
Q646TK	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
Q7UB9B	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
Q878DF	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
QA99ED	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
QB6FUJ	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
QCJXV4	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

QCZ437	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
QDDHNV	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
QDUU8Z	Investigator® 24plex					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
QE6RKH	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
QENF3C	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17					
QGRBLF	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
QKAMAJ	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	No Results			No Results	

TABLE 2

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

Item 1 - STR Results

QKC4WH	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
QKRMEU	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
QNFU7H	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
QP7XUJ	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
QP7ZL9	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
QPMADN	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	-			-	
QRDFTE	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,16	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

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

Item 1 - STR Results

QREC2P	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
QRVBD2	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	NA
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	NA	6	8
	16,17	NR/NE	NA	NA	NA	
QT7BAV	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
QW982C	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
QWQ6B3	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	-			-	
R4FBG9	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
R8YFY6	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

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

Item 1 - STR Results

R9TZXW	GlobalFiler™ PCR Amplification Kit					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
REKB6E	Investigator® 24plex QS					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
RGAHK6	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
RHN3DF	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
RHX36F	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
RHYV3N	Identifiler® Plus					
		21,26		15,15	8,13	
1	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23				6,6	8,8
	16,17					
RJVBDY	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	21,23	11	11,15	16,23	6	8
	16,17	NR	NR	NR		

TABLE 2

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

Item 1 - STR Results

RK6K4B	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
RK7BAU	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17	NT				
RL9UPH	GlobalFiler™ Express					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
RMEK7X	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
RPFG4E	Identifiler® Plus					
		21,26		15,15	8,13	
1	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23				6,6	8,8
	16,17					
RQB6C3	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
RQDP9H	PowerPlex® Fusion 6C Direct					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

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

Item 1 - STR Results

RTFRXT	PowerPlex® Fusion, MiniFiler					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17	NR				
RUU9YE	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
RV8WHD	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
RY64YG	PowerPlex® PP21					
	13,14	21,26		15	8,13	16,20
1	9,10	14,15		21,24	8,12	9,13
	18,19	13,16	29,31.2		X	12
	22,23	11	11,15		6	8
	16,17					
RYM7PQ	Identifiler®, Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
RZX9CP	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
T3ZHWQ	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

T6DT7G	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
T8EYJ3	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
T8GJFH	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
T8XM2W	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
T9QNY8	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	ND			ND	
TAN2DD	PowerPlex® Fusion 6C Direct					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
TBX36D	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

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

Item 1 - STR Results

TEEHGQ	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
TFBUJL	GlobalFiler™, MiniFiler (STRmix™)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	-			-	
TJTYDA	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
TMBF9Z	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
TNZQZT	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
TRLFJ7	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
TUCNWF	GlobalFiler™ Express					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	

TABLE 2

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

Item 1 - STR Results

TVLF3B	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
TX99MT	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
TYFMWJ	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	No Results			No Results	
U344GD	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
U3EADE	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
U4CFYE	GlobalFiler™ Express					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
U4XXU	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

U7HVGE	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
U8ELAE	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
U93YRW	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	NA
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	NA	6	8
	16,17	NR/NE	NA	NA	NA	
UAYATR	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	N/A
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	N/A	N/A	16,23	6,6	8,8
	16,17		N/A	N/A	N/A	
UBVLVL	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
UDHH4C	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17	No result	No result	No result		
UEQLM3	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	--			--	

TABLE 2

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

Item 1 - STR Results

UFQD2X	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
UKHKJ7	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
UL9WUC	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
UNLHUY	GlobalFiler™ Express					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
UNXEZ4	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
UQ877Y	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	-			-	
UTEJUR	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

UTWH76	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
UUBVWM	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
UVGH6K	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
UVGKWB	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
UW8TWD	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
UYL2EE	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
V2MEQ7	Investigator® 24plex GO!					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

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

Item 1 - STR Results

V46TU7	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
V6MHKD	GlobalFiler™ Express (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
VDUJGY	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NSD			NSD	
VEMGMJ	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
VGX2T9	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
VJN97H	PowerPlex® 21 (STRmix v2.7.0)					
	13,14	21,26		15,15	8,13	16,20
1	9,10	14,15		21,24	8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
VM89JD	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

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

Item 1 - STR Results

VNAFDP	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
VNYC9D	GlobalFiler™					
	13,14	21,26	11,14	15	8 [^] ,13	
1	9,10	14,15	14	21 [^] ,24 [^]	8,12 [^]	9 [^] ,13 [^]
	18 [^] ,19 [^]	13,16	29 [^] ,31.2 [^]	16	X,X	12
	22,23			16,23	6	8
	16 [^] ,17 [^]					
VPBYTD	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
VRFMWH	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
VUHL8A	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17					
VXXXT	Investigator® 24plex (STRMix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
VX2XRX	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	-			-	

TABLE 2

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

Item 1 - STR Results

VXN6EJ	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
W2LZJ4	Investigator® 24plex GO!					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X,X	12
	22,23			16,23	6	8
	16,17					
W3PZBN	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
W47UBX	PowerPlex® ESI-Fast					
	13,14	21,26	11,14	15,15		
1		14,15	14,14			9,13
	18,19	13,16	29,31.2	16,16	X,X	
	22,23				6,6	
	16,17					
W6XQZR	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	NA
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	NA	6	8
	16,17	NR/NE	NA	NA	NA	
W9F7C6	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
WCG7C3	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

WD8G4U	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
WER8G9	PowerPlex® Fusion 6C Direct					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
WFYC9C	Investigator® 24plex QS					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X,X	12
	22,23			16,23	6	8
	16,17					
WHMPRU	Identifiler® Direct					
		21,26		15	8,13	
1	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12
	22,23				6	8
	16,17					
WHQC7M	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
WHZQ6F	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	No Results			No Results	
WL7TQD	GlobalFiler™ Express					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	

TABLE 2

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

Item 1 - STR Results

WLHL89	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
WQ3LF2	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
WRATQG	GlobalFiler™					
	13,14	[21,26]	11,14	15,15	8,13	Not Tested
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	Not Tested	Not Tested	16,23	6,6	8,8
	16,17	No Results	Not Tested	Not Tested	No Results	
WRQ9JN	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
WTTNMB	Investigator® 24plex QS					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
WU2XB2	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	-----
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17	-----	-----	-----	-----	
WUF98K	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

WW7FNB	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
WWK2ZX	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	-			-	
WWRYJB	Investigator® 24plex QS					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
WXH6Y2	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
WXJ39B	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
WYT6UA	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
X34JVL	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	

TABLE 2

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

Item 1 - STR Results

X42WFT	Identifiler® Direct					
		21,26		15	8,13	
1	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12
	22,23				6	8
	16,17					
X6A9V9	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
X6B2TG	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
X76RYV	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	---			---	
X7AXTC	PowerPlex® Fusion 6C Direct					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
X8HCR7	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
X8HEGA	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	

TABLE 2

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

Item 1 - STR Results

XAPGJ9	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
XB38TD	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
XE2DEA	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
XGLCJR	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
XHHMKM	Investigator® 24plex					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
XJVGWG	Identifiler® Plus					
		21,26		15,15	8,13	
1	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23				6,6	8,8
	16,17					
XK7EAX	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

XK8246	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
XLMB3X	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
XMDJ2Z	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
XMF99J	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
XMPHWA	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
XMR93R	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17	NR	NR	NR		
XMVRTF	Identifiler® Plus					
		21,26		15,15	8,13	
1	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23				6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

XRKA67	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
XRMYPB	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
XTFVXX	PowerPlex® Fusion					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17	INC				
XTK4BR	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
XTNJPD	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
XV62F9	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
XVQNZC	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

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

Item 1 - STR Results

XW48W4	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
XFUG3	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
XZLF9A	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
XZZXWM	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
Y3KVDQ	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
Y69PUR	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
Y7YXTU	GlobalFiler™ Express					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X,X	12
	22,23			16,23	6	8
	16,17	NM			NM	

TABLE 2

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

Item 1 - STR Results

Y9QTF4	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
YA3JRT	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
YBVGXE	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
YCDG6B	PowerPlex® Fusion 6C Direct					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
YF7JZA	PowerPlex® 5C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17					
YFBM32	GlobalFiler™ Express					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
YFUNTA	PowerPlex® 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

YJ6WA	PowerPlex® Fusion, GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
YJCQV9	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
YJR8NG	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
YK6LCP	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
YNJE8P	GlobalFiler™ (STRmix V2.5)					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
YQAPXH	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
YQD6D4	PowerPlex® Fusion					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

YQNY3C	Identifiler® Plus					
		21,26		15	8,13	
1	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X	12
	22,23				6	8
	16,17					
YR3HT2	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
YTDF7H	Investigator® 24plex					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
YUTQ7B	PowerPlex® Fusion 6c					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
YXVD2Z	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
ZBUNY7	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
ZC6LCN	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

ZCBV9U	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	N/A
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	N/A	N/A	16,23	6,6	8,8
	16,17	N/A	N/A	N/A	N/A	
ZEUZV7	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
ZEV RTE	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
ZGZKRR	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	NA
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	NA	6	8
	16,17	NR/NE	NA	NA	NA	
ZKKA66	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
ZMKPAL	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
ZN4EMZ	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

ZPWBCU	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
ZQP9HF	PowerPlex® Fusion 6C, GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X,X	12
	22,23	11	11,15	16,23	6	8
	16,17					
ZRG66N	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	NA
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	NA	6	8
	16,17	NR/NE	NA	NA	NA	
ZWFJRD	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	No results			No results	
ZWXM9Q	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
ZXPJYV	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
1	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	No Results			No Results	
ZY2HRU	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	N/A
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	N/A	N/A	16,23	6,6	8,8
	16,17	N/A	N/A	N/A	N/A	

TABLE 2

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

Item 1 - STR Results

ZYGQU3	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
1	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

2278RG	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
23EPHZ	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
24DG69	GlobalFiler™ Express					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
27FN27	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
286YRY	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
29HF6C	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	[13,15]	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
2AWVMK	Investigator® 24plex QS					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				

TABLE 2

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

2DVF34	PowerPlex® Fusion 5C and 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
2DWZGR	GlobalFiler™ Express					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
2E7DFK	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17	11				
2EP78H	GlobalFiler™ (STRmix version 2.4)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
2F4HFN	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
2F8XUA	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
2HNFK6	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

2JZB6C	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
2KX868	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
2PQF7T	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
2UKA4U	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
2VWAZN	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
2WD7TN	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
2YFDLZ	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

2YYWUT	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
2ZAWQM	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
3233TY	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
34496J	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
34M6J6	Investigator® 24plex QS					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
36D8D8	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
36GMTT	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

36XY9D	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
37BLTD	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
3B7D2A	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
3CKMCV	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
3FC6YL	GlobalFiler™ PCR Amplification kit					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
3NANMB	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
3NUEMH	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	-
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	-	-	27.2,32.2	6,7	8,8
	15,17	11	-	-	2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

3TJQN7	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
3VQ2MV	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
3YUZXM	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
44HUG7	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	N/A
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	N/A	N/A	27.2,32.2	6,7	8,8
	15,17	11	N/A	N/A	N/A	
44KKMP	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
44Z48L	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
47LU9Q	GlobalFiler™ Express					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

48J8UX	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
48KVG4	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
49EQXK	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
49T8Y6	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
4AA2YF	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
4ARBQV	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
4BYFHX	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

4EZGKF	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
4FYL2A	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
4JCGPK	GlobalFiler™ (STRmix 2.5)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
4K79VY	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
4K8ACQ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
4LG2K8	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
4MFD9M	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

4MVLBV	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
4N7K8Q	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
4PYGUY	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
4R9CP4	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
4T4Z4T	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
4UWXAE	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
4VNUWM	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

4XCJ47	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
64D2UH	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
66ADVD	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
67JH92	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
6A68TE	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
6AKHBJ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
6D4DEC	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

6D4MXV	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
6DKU8J	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
6F7K9N	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
6G4XTV	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
6K387H	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
6KFNB	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
6LU94U	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

6M8VMT	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
6QWWW3	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
6R6ABJ	GlobalFiler™ (STRmix 2.5v)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
6RKHDR	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
6TY373	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
6UCE3L	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
6WZ49K	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

74V7AV	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
79TMMP	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
7C7HBZ	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
7CTXHP	GlobalFiler™ Express (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
7GE2Y8	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
7GJ9TN	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
7GZNV	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

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

Item 2 - STR Results

7HC7XA	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
7HGL7	Investigator® 24plex QS					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
7MRQT2	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
7R4UJ4	PowerPlex® Fusion (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
7RKVKK	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
7RZ2XP	GlobalFiler™ Express					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
7U98JQ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

7X9FNZ	PowerPlex® 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
7XNY8X	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
7XQB8M	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
7Z9VRH	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
84R6KF	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
86KZ2W	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
87GC27	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

88M7CW	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
88QLRH	PowerPlex® 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
8AGHL4	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
8CJGXW	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
8EBCLQ	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
8FKLAG	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
8FLE9N	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

8GB2BC	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
8GDM8R	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
8GEBWH	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
8GEEDA	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17	11				
8GW7EK	Identifiler® Plus					
		17,18		16,19	13,14	
2	7,12	13,14			11,12	11,12
	12,17	13,15	31.2		X,Y	11
	20,23				6,7	8
	15,17					
8GZQ49	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
8LDNHM	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

8NGJ2P	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
8Q3B6F	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17	11				
8UKJE2	GlobalFiler™ Express					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
8VVJ4F	GlobalFiler™ PCR Amplification Kit					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
8WU92J	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
8XZZLJ	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	NA
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	NA	6,7	8
	15,17	11	NA	NA	NA	
8YBRRF	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

8ZPD43	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
97P49D	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
97UHLE	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
99DM8P	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
99YX8Y	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
9FFMTD	GlobalFiler™ (STRmix v2.5)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
9FJ39Y	Investigator® 24plex QS					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

9FYBDT	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
9GAEH6	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
9HZKYV	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
9K9NT8	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
9K9QKW	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
9KAL43	Investigator® 24plex QS					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
9L2L2D	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

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

Item 2 - STR Results

9LKGHE	GlobalFiler™ PCR Amplification Kit					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
9MUEWW	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
9NQZJV	PowerPlex® Fusion					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17	11				
9PZZLH	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
9Y9GC3	Investigator® 24plex GO!					
	12,18.3	17,18	12,14	16,19	13,14	N/A
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	N/A	N/A	27,32.2	6,7	8,8
	15,17	11	N/A	N/A	N/A	
9Z3B46	GlobalFiler™, MiniFiler (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	-
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	-	-	27.2,32.2	6,7	8
	15,17	11	-	-	2	
A3MEG6	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

A6BWMW	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
A6TR8J	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	NA
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	NA	6,7	8
	15,17	11	NA	NA	NA	
A6UR6X	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
A7PB9K	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
A7R4UY	GlobalFiler™ Express					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
A9T8BZ	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
ACXPYV	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

ADAL4Z	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
AE2L2B	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17	11				
AEYWWT	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
AFYLTW	PowerPlex® Fusion 6C Direct					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
AH4HTR	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
AL3TPR	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
AMCJCA	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

AMF42X	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
AMF7TN	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
AN7ETQ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
APDXAY	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
AQCU9A	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
AQYFKZ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
AU9PGB	PowerPlex® Fusion					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

AVCY2H	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
AVQRDB	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	N/A
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	N/A	N/A	27.2,32.2	6,7	8,8
	15,17	11	N/A	N/A	N/A	
AWM4F7	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
AWMWFY	GlobalFiler™ Express					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
AXV3NT	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
B4JD6V	PowerPlex® Fusion 6C Direct					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
B6QJFB	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	[11],18		6,7	8
	15,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

B73ARZ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
B9ARPV	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
B9MD6Y	Identifiler® Plus					
		17,18		16,19	13,14	
2	7,12	13,14			11,12	11,12
	12,17	13,15	31.2		X,Y	11
	20,23				6,7	8
	15,17					
BA4F4K	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
BBWBQT	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
BCMJJQW	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
BDJ4BB	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

BEVMMT	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
BJRB2F	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
BJT7QD	GlobalFiler™ (STRmix v2.5)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
BKLWWR	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
BMVZQ4	PowerPlex® 21					
	12,18.3	17,18		16,19	13,14	12,20
2	7,12	13,14		18,26	11,12	11,12
	NR	13,15	31.2,31.2		X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17					
BUAVLC	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
BUAZVE	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

BWGDJ8	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
BYZA7C	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
BZWL88	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
C2KLHM	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
C2LBN6	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
C4P789	PowerPlex® Fusion 5c					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17	11				
C6QPMW	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

CAYC2T	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17	11				
CBFEYU	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
CC38JB	GlobalFiler™ Express					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
CC8BMN	GlobalFiler™ Express					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
CGJG4U	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
CHAJRV	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
CJNZWW	Investigator® 24plex QS					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

CTVNYU	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
CU6KGT	PowerPlex® Fusion 6C, GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	NOT TESTED
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18	2	
CU9BJU	PowerPlex® Fusion 6C Direct					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
CVDWXU	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
CVK2HD	PowerPlex® 5C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17	11				
CVMKNN	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
CX8QPW	Identifiler®, GlobalFiler™ Express					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				

TABLE 2

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

CYNNHW	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
CZW69F	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
D23M7B	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
D23RER	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
D2JYPF	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
D3FEYR	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
D3GC83	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

D3XFPZ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
D49AF9	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
D66RGA	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	NA
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	NA	6,7	8
	15,17	11	NA	NA	NA	
D6XMXR	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
D9XYR7	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
DBRB2D	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
DC39FV	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

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

Item 2 - STR Results

DETEVL	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
DF6BZP	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
DGCK3V	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
DHUK97	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
DJH2HD	Identifiler® Plus					
		17,18		16,19	13,14	
2	7,12	13,14			11,12	11,12
	12,17	13,15	31.2		X,Y	11
	20,23				6,7	8
	15,17					
DJZ6XR	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
DL7MWM	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

DLMTAR	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17	11				
DLMXH9	PowerPlex® Fusion, Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	NT
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18	NT	
DLPJGA	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17	11				
DNGE64	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
DNWP6W	Identifiler®, GlobalFiler™ Express					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
DTAJWM	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
DTB936	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

DU46PD	Identifiler® Direct					
		17,18		16,19	13,14	
2	7,12	13,14			11,12	11,12
	12,17	13,15	31.2		X,Y	11
	20,23				6,7	8
	15,17					
DU8XCR	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
DVGPHN	Investigator® 24plex GO! (TrueAllele)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
DX798R	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
E2HFAR	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	NT
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	NT	NT	27.2,32.2	6,7	8
	15,17	11	NT	NT	2	
E6WCFT	Identifiler® Plus					
		17,18		16,19	13,14	
2	7,12	13,14			11,12	11,12
	12,17	13,15	31.2,31.2		X,Y	11,11
	20,23				6,7	8,8
	15,17					
E7W4WA	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

E8636X	Investigator® 24plex GO!					
	12,18.3	17,18	12,14	16,19	13,14	N/A
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	N/A	N/A	27.2,32.2	6,7	8,8
	15,17	11	N/A	N/A	N/A	
E86B2N	PowerPlex® Fusion5C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17	11				
E8MACZ	Identifiler® Plus					
		17,18		16,19	13,14	
2	7,12	13,14			11,12	11,12
	12,17	13,15	31.2,31.2		X,Y	11,11
	20,23				6,7	8,8
	15,17					
E9GZFU	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
E9X98A	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	NA
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	NA	6,7	8
	15,17	11	NA	NA	NA	
EB4PND	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
EB7AKT	Investigator® 24plex QS					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

EC2ZHV	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
EDTZF7	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17	11				
EEMTBP	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
EFYJLE	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
EGQNUR	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
EGRGRZ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
EHQFB9	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

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

EKAJWK	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
EMKA9A	GlobalFiler™ (STRmix 2.5v)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
EP2TY7	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
ETQ2JT	PowerPlex® ESX16 Fast					
	12,18.3	17,18	12,14	16,19		
2		13,14	13,14	18,26		11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	
	20,23				6,7	
	15,17					
EV8JAN	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
EXFGYY	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
EYDZP8	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

F3BRJP	PowerPlex® Fusion 6C Direct					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
F4KLGB	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
F4N77Y	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
F699KX	GlobalFiler™, MiniFiler					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
F6EAVZ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
F6ECMP	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
F6UN6V	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

F7BP7C	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
F8Z688	PowerPlex® Fusion 5C, Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
FA7LMP	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
FB37AP	Identifiler® Plus					
		17,18		16,19	13,14	
2	7,12	13,14			11,12	11,12
	12,17	13,15	31.2,31.2		X,Y	11,11
	20,23				6,7	8,8
	15,17					
FBXUHC	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
FD8K8G	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
FDCWTR	Investigator® 24plex QS					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

FECJRN	PowerPlex® Fusion 6C, GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	Not tested
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18	2	
FEHNDR	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	-
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	-	-	27.2,32.2	6,7	8
	15,17	11	-	-	2	
FFBKZZ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
FG9UTH	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
FHN39X	PowerPlex® 21					
	12,18.3	17,18		16,19	13,14	12,20
2	7,12	13,14		18,26	11,12	11,12
	12,17	13,15	31.2,31.2		X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17					
FKBLAV	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
FKQ2JQ	PowerPlex® Fusion 6C Direct					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

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

FLVPNU	Identifiler® Plus					
		17,18		16,19	13,14	
2	7,12	13,14			11,12	11,12
	12,17	13,15	31.2		X,Y	11
	20,23				6,7	8
	15,17					
FQT2R8	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17	11				
FRQCLP	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
FUVUJ	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
FW3DTE	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
FW6XPU	PowerPlex® Fusion 6C Direct					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
FWGNMD	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

FYLGEG	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
G67WHN	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
G72G7M	PowerPlex® Fusion 6C, GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	Not Tested
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18	2	
G78K9E	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	NA
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	NA	NA	27.2,32.2	6,7	8,8
	15,17	11	NA	NA	2	
G8ZHEZ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
GBWB4N	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17	11				
GCDD3A	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

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

Item 2 - STR Results

GEEE6R	Identifiler®, GlobalFiler™ Express					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
GEUWT7	PowerPlex® 21 (GeneMapper ID)					
	12,18.3	17,18		16,19	13,14	12,20
2	7,12	13,14		18,26	11,12	11,12
	12,17	13,15	31.2		X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17					
GEWHNL	PowerPlex® ESI FAST 16					
	12,18.3	17,18	12,14	16,19		
2		13,14	13,14	18,26		11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	
	20,23				6,7	
	15,17					
GF8GKF	PowerPlex® Fusion					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17	INC				
GHCZRN	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	not tested
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18	not tested	
GJRAWH	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
GK6WGH	GlobalFiler™ Express					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

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

Item 2 - STR Results

GMVWG	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
GPGUUW	PowerPlex® 21					
	12,18.3	17,18		16,19	13,14	12,20
2	7,12	13,14		18,26	11,12	11,12
	12,17	13,15	31.2,31.2		X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17					
GTGV99	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
GVFDXM	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
GVKTBN	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
GYLRUU	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
GZDRR6	Identifiler® Plus					
		17,18		16,19	13,14	
2	7,12	13,14			11,12	11,12
	12,17	13,15	31.2,31.2		X,Y	11,11
	20,23				6,7	8,8
	15,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

H4V6CR	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
H4XUHB	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
H6N6A4	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17	11				
H7Y67X	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
HAYF2X	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
HBY7GT	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
HCPDWJ	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

HJKGH8	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
HKYTC7	GlobalFiler™ PCR Amplification Kit					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
HNPY8N	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
HQNJM8	Investigator® 24plex QS					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
HTCZWF	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
HTEFHT	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
HTQGZX	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

HUK3QR	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
HUMTWA	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
HVYJVR	Identifiler® Plus					
		17,18		16,19	13,14	
2	7,12	13,14			11,12	11,12
	12,17	13,15	31.2		X,Y	11
	20,23				6,7	8
	15,17					
HXPPD4	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
HZAR6A	Identifiler® Direct					
		17,18		16,19	13,14	
2	7,12	13,14			11,12	11,12
	12,17	13,15	31.2		X,Y	11
	20,23				6,7	8
	15,17					
J2MCXJ	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
J3A6G2	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

J4TWM6	GlobalFiler™ (STRmix 2.5v)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
J68ENP	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
J6H9DX	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
J79FD2	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
J7C2AG	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
J8T9GJ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
J9E23M	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

J9JC87	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
J9ZKYL	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
JADX2W	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
JBCZTM	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
JBPYG4	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
JC7V94	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
JETM7R	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

WebCode	Amplification Kits (Probabilistic Genotyping Software)	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
JHMDH6	PowerPlex® Fusion 6C, ESI 17 FAST, NGM Detect	12,18.3	17,18	12,14	16,19	13,14	
2		7,12	13,14	13,14	18,26	11,12	11,12
		12,17	13,15	31.2,31.2	11,15	X,Y	11,11
		20,23	10,12	11,18	27.2,32.2	6,7	8,8
		15,17	11	17	18	2	
JL9BY9	Investigator® 24plex (STRmix)	12,18.3	17,18	12,14	16,19	13,14	
2		7,12	13,14	13,14	18,26	11,12	11,12
		12,17	13,15	31.2	11,15	X,Y	11
		20,23			27.2,32.2	6,7	8
		15,17	11				
JLA4WF	GlobalFiler™	12,18.3	17,18	12,14	16,19	13,14	
2		7,12	13,14	13,14	18,26	11,12	11,12
		12,17	13,15	31.2	11,15	X,Y	11
		20,23			27.2,32.2	6,7	8
		15,17	11			2	
JLDNL6	GlobalFiler™ (STRMix 2.5v)	12,18.3	17,18	12,14	16,19	13,14	
2		7,12	13,14	13,14	18,26	11,12	11,12
		12,17	13,15	31.2,31.2	11,15	X,Y	11,11
		20,23			27.2,32.2	6,7	8,8
		15,17	11			2	
JNERDR	GlobalFiler™	12,18.3	17,18	12,14	16,19	13,14	
2		7,12	13,14	13,14	18,26	11,12	11,12
		12,17	13,15	31.2	11,15	X,Y	11
		20,23			27.2,32.2	6,7	8
		15,17	11			2	
JNVR9G	GlobalFiler™	12,18.3	17,18	12,14	16,19	13,14	
2		7,12	13,14	13,14	18,26	11,12	11,12
		12,17	13,15	31.2	11,15	X,Y	11
		20,23			27.2,32.2	6,7	8
		15,17	11			2	
JZNFXN	GlobalFiler™	12,18.3	17,18	12,14	16,19	13,14	
2		7,12	13,14	13,14	18,26	11,12	11,12
		12,17	13,15	31.2,31.2	11,15	X,Y	11,11
		20,23			27.2,32.2	6,7	8,8
		15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

JZTLR6	GlobalFiler™ (STRmix v2.5)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
K2MMCM	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
K3T9P2	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
K4463J	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
K4KCBL	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
K786U4	GlobalFiler™ PCR Amplification Kit					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
K8MBLE	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

K92H8V	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
K9F79M	Investigator® 24plex QS					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
K9X3RA	PowerPlex® Fusion 6C, GlobalFiler™ (GeneMapper ID-X Software)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18	2	
KA96FU	Identifiler® Plus					
		17,18		16,19	13,14	
2	7,12	13,14			11,12	11,12
	12,17	13,15	31.2,31.2		X,Y	11,11
	20,23				6,7	8,8
	15,17					
KBLRX9	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
KDDNM3	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
KE3YDV	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

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

Item 2 - STR Results

KFGJ76	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
KFVR9E	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
KH8LV7	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
KJW2W2	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
KJYMRG	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
KKU7W4	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	NA
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	NA	NA	27.2,32.2	6,7	8
	15,17	11	NA	NA	2	
KLQGXY	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

KN9XQ4	Investigator® 24plex (STRMix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
KNW3NJ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
KPLDEC	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	12
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
KPNXCD	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
KXFH8D	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
KXH8EW	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
L2UFDF	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

L37CHK	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
L6VEWK	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
L8GJ74	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
LA8LV4	Investigator® 24plex QS (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
LD8TG2	GlobalFiler™ (STRmix 2.5)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
LE2JMF	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
LFBBTC	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

LGLDEB	PowerPlex® Fusion					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17	INC				
LGNC7X	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	N/T
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	N/T	N/T	27.2,32.2	6,7	8,8
	15,17	11	N/T	N/T	2	
LK6HX7	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
LR4YHJ	PowerPlex® Fusion 5C, 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
LTMMDL	PowerPlex® Fusion Direct 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
LUV444	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
LVB3MT	GlobalFiler™ (STRMix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

LWJF3A	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
LXAQT3	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	NA
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	NA	6,7	8
	15,17	11	NA	NA	NA	
LXE8R2	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17	11				
LXV7ZR	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	Not Tested
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18	Not Tested	
LYCBR4	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
LYQTRN	PowerPlex® Fusion 6C Direct					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
M2NPHG	PowerPlex® Fusion 6C, GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18	2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

M3P9W6	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
M6RJH8	GlobalFiler™ Express					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
M6WQV2	GlobalFiler™ (STRmix v2.5)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
M8DAKW	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
M8GPZH	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
M8YP7T	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
MDN7HJ	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

MEG4N6	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
MHGFJ6	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
MKLYQD	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
MLALU2	GlobalFiler™ PCR Amplification Kit (GeneMapperID-X version 1.4)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
MMCZXM	GlobalFiler™ Express					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
MMVYVK	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
MPCHLG	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

MQB8JK	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
MV3QC3	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
MV4HAA	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
MVXF8H	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
MWR7DX	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
N3KBYE	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
N4WBV9	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

N8VLR9	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
NCMV28	GlobalFiler™, GF Express					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
NCR9MH	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
NDFU8T	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
NKG2TM	Investigator® 24plex QS					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
NMLB36	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
NN4FL4	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

NNWDQP	GlobalFiler™						
		12,18.3	17,18	12,14	16,19	13,14	
	2	7,12	13,14	13,14	18,26	11,12	11,12
		12,17	13,15	31.2,31.2	11,15	X,Y	11,11
		20,23			27.2,32.2	6,7	8,8
	15,17	11			2		
NQ27J3	Identifiler® Plus						
			17,18		16,19	13,14	
	2	7,12	13,14			11,12	11,12
		12,17	13,15	31.2		X,Y	11
		20,23				6,7	8
	15,17						
NWC3FP	PowerPlex® 21						
		12,18.3	17,18		16,19	13,14	12,20
	2	7,12	13,14		18,26	11,12	11,12
		12,17	13,15	31.2,31.2		X,Y	11,11
		20,23	10,12	11,18		6,7	8,8
	15,17						
NXNMKT	PowerPlex® Fusion 6C						
		12,18.3	17,18	12,14	16,19	13,14	
	2	7,12	13,14	13,14	18,26	11,12	11,12
		12,17	13,15	31.2	11,15	X,Y	11
		20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18			
P26E7F	GlobalFiler™						
		12,18.3	17,18	12,14	16,19	13,14	
	2	7,12	13,14	13,14	18,26	11,12	11,12
		12,17	13,15	31.2,31.2	11,15	X,Y	11,11
		20,23			27.2,32.2	6,7	8,8
	15,17	11			2		
P64P3E	GlobalFiler™						
		12,18.3	17,18	12,14	16,19	13,14	
	2	7,12	13,14	13,14	18,26	11,12	11,12
		12,17	13,15	31.2,31.2	11,15	X,Y	11,11
		20,23			27.2,32.2	6,7	8,8
	15,17	11			2		
P7D429	PowerPlex® Fusion 6C						
		12,18.3	17,18	12,14	16,19	13,14	
	2	7,12	13,14	13,14	18,26	11,12	11,12
		12,17	13,15	31.2	11,15	X,Y	11
		20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18			

TABLE 2

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

P7FT8Q	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
P7UZT8	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
PBQUHW	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
PDE34J	GlobalFiler™ Express (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
PMNG2E	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
PN3ZUN	PowerPlex® 21					
	12,18.3	17,18		16,19	13,14	12,20
2	7,12	13,14		18,26	11,12	11,12
	12,17	13,15	31.2,31.2		X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17					
PPAAU9	GlobalFiler™ 1910090					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

PQPKVL	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
PRAM9L	Identifiler® Plus					
		17,18		16,19	13,14	
2	7,12	13,14			11,12	11,12
	12,17	13,15	31.2		X,Y	11
	20,23				6,7	8
	15,17					
PTRMEW	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
PUM7HH	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
PVE7FU	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
Q3V2WN	Identifiler® Plus					
		17,18		16,(18),19	13,14	
2	7,12	13,14			11,12	11,12
	12,17	13,15	31.2,31.2		X,Y	11,11
	20,23				6,7	8,8
	15,17					
Q4PR33	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

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

Item 2 - STR Results

Q646TK	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
Q7UB9B	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
Q878DF	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
QA99ED	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
QB6FUJ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
QCJXV4	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
QCZ437	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

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

QDDHNV	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17	11				
QDUU8Z	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
QE6RKH	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
QENF3C	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17	11				
QGRBLF	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
QKAMAJ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
QKC4WH	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

QKRMEU	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
QNFU7H	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
QP7XUJ	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
QP7ZL9	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
QPMADN	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
QRDFTE	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
QREC2P	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

QRVBD2	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	NA
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	NA	6,7	8
	15,17	11	NA	NA	NA	
QT7BAV	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
QW982C	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
QWQ6B3	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
R4FBG9	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
R8YFY6	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
R9TZXW	GlobalFiler™ PCR Amplification Kit					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

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

Item 2 - STR Results

REKB6E	Investigator® 24plex QS					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
RGAHK6	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
RHN3DF	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
RHX36F	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
RHYV3N	Identifiler® Plus					
		17,18		16,19	13,14	
2	7,12	13,14			11,12	11,12
	12,17	13,15	31.2,31.2		X,Y	11,11
	20,23				6,7	8,8
	15,17					
RJVBDY	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
RK6K4B	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		

TABLE 2

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

RK7BAU	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17	11				
RL9UPH	GlobalFiler™ Express					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
RMEK7X	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
RPG4E	Identifiler® Plus					
		17,18		16,19	13,14	
2	7,12	13,14			11,12	11,12
	12,17	13,15	31.2,31.2		X,Y	11,11
	20,23				6,7	8,8
	15,17					
RQB6C3	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
RQDP9H	PowerPlex® Fusion 6C Direct					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
RTFRXT	PowerPlex® Fusion, MiniFiler					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

RUU9YE	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
RV8WHD	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
RY64YG	PowerPlex® PP21					
	12,18.3	17,18		16,19	13,14	12,20
2	7,12	13,14		18,26	11,12	11,12
	12,17	13,15	31.2		X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17					
RYM7PQ	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
RZX9CP	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
T3ZHWQ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
T6DT7G	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

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

Item 2 - STR Results

T8EYJ3	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
T8GJFH	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
T8XM2W	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
T9QNY8	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
TAN2DD	PowerPlex® Fusion 6C Direct					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
TBX36D	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
TEEHGQ	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

TFBUJL	GlobalFiler™ (STRmix™)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
TJTYDA	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
TMBF9Z	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
TNZQZT	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
TRLFJ7	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
TUCNWF	GlobalFiler™ Express					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
TVLF3B	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

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

Item 2 - STR Results

TX99MT	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
TYFMWJ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
U344GD	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
U3EADE	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
U4CFYE	GlobalFiler™ Express					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
U4XXU	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
U7HVGE	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

U8ELAE	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
U93YRW	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	NA
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	NA	6,7	8
	15,17	11	NA	NA	NA	
UAYATR	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	N/A
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	N/A	N/A	27.2,32.2	6,7	8,8
	15,17	11	N/A	N/A	N/A	
UBVLVL	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
UDHH4C	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
UEQLM3	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
UFQD2X	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		

TABLE 2

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

UKHKJ7	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
UL9WUC	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
UNLHUY	GlobalFiler™ Express					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
UNXEZ4	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
UQ877Y	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
UTEJUR	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
UTWH76	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

UUBVWM	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
UVGH6K	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
UVGKWB	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
UW8TWD	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
UYL2EE	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
V2MEQ7	Investigator® 24plex GO!					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
V46TU7	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

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

Item 2 - STR Results

V6MHKD	GlobalFiler™ Express (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
VDUJGY	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
VEMGMJ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
VGX2T9	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
VJN97H	PowerPlex® 21 (STRmix v2.7.0)					
	12,18.3	17,18		16,19	13,14	12,20
2	7,12	13,14		18,26	11,12	11,12
	12,17	13,15	31.2,31.2		X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17					
VM89JD	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
VNAFDP	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17	11				

TABLE 2

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

VNYC9D	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
VPBYTD	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
VRFMWH	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
VUHL8A	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17	11				
VXXXT	Investigator® 24plex (STRMix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
VX2XRX	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
VXN6EJ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

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

Item 2 - STR Results

W2LZJ4	Investigator® 24plex GO!					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
W3PZBN	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17	11				
W47UBX	PowerPlex® ESI-Fast					
	12,18.3	17,18	12,14	16,19		
2		13,14	13,14	18,26		11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	
	20,23				6,7	
	15,17					
W6XQZR	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	NA
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	NA	6,7	8
	15,17	11	NA	NA	NA	
W9F7C6	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
WCG7C3	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
WD8G4U	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

WER8G9	PowerPlex® Fusion 6C Direct					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
WFYC9C	Investigator® 24plex QS					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
WHMPRU	Identifiler® Direct					
		17,18		16,19	13,14	
2	7,12	13,14			11,12	11,12
	12,17	13,15	31.2		X,Y	11
	20,23				6,7	8
	15,17					
WHQC7M	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
WHZQ6F	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
WL7TQD	GlobalFiler™ Express					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
WLHL89	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

WQ3LF2	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
WRATQG	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	Not Tested
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18	Not Tested	
WRQ9JN	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
WTTNMB	Investigator® 24plex QS					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
WU2XB2	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	-----
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18	-----	
WUF98K	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
WW7FNB	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

WWK2ZX	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
WWRYJB	Investigator® 24plex QS					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
WXH6Y2	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
WXJ39B	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
WYT6UA	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
X34JVL	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
X42WFT	Identifiler® Direct					
		17,18		16,19	13,14	
2	7,12	13,14			11,12	11,12
	12,17	13,15	31.2		X,Y	11
	20,23				6,7	8
	15,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

X6A9V9	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
X6B2TG	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
X76RYV	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
X7AXTC	PowerPlex® Fusion 6C Direct					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
X8HCR7	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
X8HEGA	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
XAPGJ9	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

XB38TD	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
XE2DEA	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
XGLCJR	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
XHHMKM	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
XJVGWG	Identifiler® Plus					
		17,18		16,19	13,14	
2	7,12	13,14			11,12	11,12
	12,17	13,15	31.2,31.2		X,Y	11,11
	20,23				6,7	8,8
	15,17					
XK7EAX	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
XK8246	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

XLMB3X	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
XMDJ2Z	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
XM99J	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
XMPHWA	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
XMR93R	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
XMVRTF	Identifiler® Plus					
		17,18		16,19	13,14	
2	7,12	13,14			11,12	11,12
	12,17	13,15	31.2,31.2		X,Y	11,11
	20,23				6,7	8,8
	15,17					
XRKA67	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

XRMYPB	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17	11				
XTFVXX	PowerPlex® Fusion					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17	INC				
XTK4BR	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11		2		
XTNJPD	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
XV62F9	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
XVQNZC	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11		2		
XW48W4	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11		2		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

XXFUG3	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
XZLF9A	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
XZZXWM	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
Y3KVDQ	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
Y69PUR	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
Y7YXTU	GlobalFiler™ Express					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
Y9QTF4	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

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

Item 2 - STR Results

YA3JRT	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
YBVGXE	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
YCDG6B	PowerPlex® Fusion 6C Direct					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
YF7JZA	PowerPlex® 5C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17	11				
YFBM32	GlobalFiler™ Express					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
YFUNTA	PowerPlex® 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
YJ6VVA	PowerPlex® Fusion, GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17					

TABLE 2

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

Item 2 - STR Results

YJCQV9	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
YJR8NG	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
YK6LCP	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
YNJE8P	GlobalFiler™ (STRmix V2.5)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
YQAPXH	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
YQD6D4	PowerPlex® Fusion					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17	11				
YQNY3C	Identifiler® Plus					
		17,18		16,19	13,14	
2	7,12	13,14			11,12	11,12
	12,17	13,15	31.2		X,Y	11
	20,23				6,7	8
	15,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

YR3HT2	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
YTDF7H	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
YUTQ7B	PowerPlex® Fusion 6c					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
YXVD2Z	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
ZBUNY7	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
ZC6LCN	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
ZCBV9U	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	N/A
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	N/A	N/A	27.2,32.2	6,7	8,8
	15,17	11	N/A	N/A	2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

ZEUZV7	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
ZEV RTE	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
ZGZKRR	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	NA
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	NA	6,7	8
	15,17	11	NA	NA	NA	
ZKKA66	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
ZMKPAL	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
ZN4EMZ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
ZPWBCU	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

ZQP9HF	PowerPlex® Fusion 6C, GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18	2	
ZRG66N	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	NA
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	NA	6,7	8
	15,17	11	NA	NA	NA	
ZWFJRD	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
ZWXM9Q	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
ZXPJYV	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
ZY2HRU	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	N/A
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	N/A	N/A	27.2,32.2	6,7	8,8
	15,17	11	N/A	N/A	2	
ZYGQU3	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
2	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

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

Item 3 - STR Results

2VWAZN	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
3233TY	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,19	8,13,14	
3	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
44Z48L	GlobalFiler™					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3	7,9,10	13,14,15	14	18,21,24	8,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23	6,7	8
	15,16,17	11			2	
4MFD9M	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3	7,9,10,12	12,13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
4VNUWM	GlobalFiler™					
	12,13,14,18.3	17,18,(21),(26)	(11),12,14	15,16,19	(8),13,(14)	
3	7,9,10,12	13,14,(15)	13,14	18,(21),(24),26	(8),11,12	(9),11,12,(13)
	12,17,18,(19)	13,15,(16)	(29),31.2	11,15,16	X,(Y)	11,(12)
	20,(22),23			16,23,27.2,32.2	6,(7)	8,8
	15,(16),17	11			2	
6UCE3L	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	[11],12,14	15,16,19	[8],13,[14]	
3	7,9,10,12	13,14,[15]	[13],14	18,21,24,26	[8],11,12	9,11,12,13
	12,17,18,[19]	13,15,[16]	[29],31.2	11,15,16	X,[Y]	11,[12]
	20,[22],23			16,23,27.2,32.2	6,[7]	8,8
	15,[16],17	11			2	
8WU92J	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

8XZZLJ	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	INC	NA
3	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	INC	NA	NA	NA	
9FYBDT	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
A6TR8J	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	INC	NA
3	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	INC	NA	NA	NA	
AH4HTR	Identifiler®					
		17,18,21,26		15,16,19	8,13,14	
3	7,9,10,12	13,14,15			8,12	9,11,12,13
	12,18,19	13,15,16	29,31.2		X,Y	11,12
	20,22,23				6,7	8
	15,16,17					
AL3TPR	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,19	8,13	
3	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
AU9PGB	PowerPlex® Fusion					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18		6,7	8
	15,16,17	11				
AVCY2H	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

D3XFPZ	GlobalFiler™					
3	[REDACTED]					
D66RGA	PowerPlex® Fusion 5C, MiniFiler					
	INC	INC	INC	INC	INC	NA
3	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	INC	NA	NA	NA	
DL7MWM	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
E9X98A	PowerPlex® Fusion 5C, MiniFiler					
	INC	INC	INC	INC	INC	NA
3	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	INC	NA	NA	NA	
F4KLGB	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
FB37AP	Identifiler® Plus					
		17,18,21,26		15,16,19	8,13,14	
3	7,9,10,12	13,14,15			8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2		X,Y	11,12
	20,22,23				6,7	8
	15,16,17					
GCDD3A	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

GEUWT7	PowerPlex® 21 (GeneMapper ID)					
	12,13,14,18.3	17,18,21,26		15,16,19	8,13,14	12,16,20
3	7,9,10,12	13,14,15		18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2		X,Y	11,12
	20,22,23	10,11,12	11,15,18		6,7	8
	15,16,17					
JHMDH6	PowerPlex® Fusion 6C, ESI 17 FAST, NGM Detect					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18	2	
JZNFXN	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
KFGJ76	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3	7,9,10,12	13,14,15	13,14	18,21,24	8,12	9,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
LUV444	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
LXAQT3	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	INC	NA
3	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	INC	NA	NA	NA	
Q7UB9B	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,19	8,13	
3	7,9,10,12	13,14,15	13,14	21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6	8
	15,16,17	11			2	

TABLE 2

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

Item 3 - STR Results

QRYBD2	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	INC	NA
3	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	INC	NA	NA	NA	
RMEK7X	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11				
RPG4E	Identifiler® Plus					
		17,18,21,26		15,16,19	8,13,14	
3	7,9,10,12	13,14,15			8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2		X,Y	11,12
	20,22,23				6,7	8
	15,16,17					
RTFRXT	PowerPlex® Fusion					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18		6,7	8
	15,16,17	11				
U93YRW	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	INC	NA
3	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	INC	NA	NA	NA	
W6XQZR	PowerPlex® Fusion 5C, MiniFiler					
	INC	INC	INC	INC	INC	NA
3	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	INC	NA	NA	NA	
W9F7C6	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,14	15,19	8,13,14	
3	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6	8
	15,16,17	11			2	

TABLE 2

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

Item 3 - STR Results

XZZXWM	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
YJ6VWA	PowerPlex® Fusion, GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17					
ZGZKKR	PowerPlex® Fusion 5C, MiniFiler					
	INC	INC	INC	INC	INC	NA
3	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	INC	NA	NA	NA	
ZRG66N	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	INC	NA
3	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	INC	NA	NA	NA	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping Software)					
	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 3e - STR Results

2278RG	Investigator® 24plex (STRmix)					
	12,13,14	17,18,21,26	11,12,14	14,15,16,19	8,13,14	
3e	9,10	13,14,15	13,14	18,21,23,24	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	29,31.2	11,15,16	X	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11				
23EPHZ	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	11	11,15,18	16,23,27.2,32.2	6,7	8
	16,17	11	17	18		
24DG69	GlobalFiler™					
	13,14	17,18,21,26	11,12,14	15,16,19	8,13	
3e	7,9,10,12	14,15	14	21,24	8,11,12	9,11,12,13
	18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
27FN27	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
286YRY	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,[16],[19]	8,13,[14]	
3e	7,9,10,12	13,14,15	[13],14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	[11],[15],16	X,[Y]	11,12
	20,22,23			16,23,27.2,32.2	6,[7]	8
	15,16,17	11			2	
2AWWMK	Investigator® 24plex QS					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,18,19	13,15,16	29,31.2	11,16	X,X	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17					
2DVF34	PowerPlex® Fusion 5C and 6C					
	12,13,14	21,26	11,14	15	8,13	
3e	9,10	14,15	14	21,24	8,12	9,12,13
	17,18,19	13,15,16	29,31.2	16	X	11,12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

2DWZGR	GlobalFiler™					
	13,14	21,26	11,12,14	15,16	8,13	
3e	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,15,16	29,31.2	16	X	11,12
	20,22,23			16,23	6,7	8
	16,17					
2E7DFK	PowerPlex® Fusion 5C					
	13,14,(18.3)	(17),(18),21,26	11,(12),14	15,15,(16),(19)	8,13,(14)	
3e	(7),9,10,(12)	(13),14,15	14,14	(18),21,24	8,(11),12	9,(11),(12),13
	(12),(17),18,19	13,(15),16	29,31.2	16,16	X,X,(X,Y)	(11),12,12
	22,23	11,11,(12)	11,15,(18)		6,6,(7)	8,8
	(15),16,17	(11)				
2EP78H	GlobalFiler™ (STRmix version 2.4)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
2F4HFN	GlobalFiler™					
	[12],13,14,[18.3]	[17,18],21,[25],26	11,[12],14	15,[16,19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11,12],13
	[12,17],18,19	13,[15],16	[28],29,31.2	[11,15],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2,32.2]	6,[7]	8
	[15],16,17	11			2	
2F8XUA	PowerPlex® Fusion 6C (STRmix)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	14,15	14	18,21,24,26	8,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	11,12	11,15,18	16,23,27.2,32.2	6,7	8
	16,17	11	17	18		
2HNFK6	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
2JZB6C	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

2KX868	GlobalFiler™ (STRmix)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
2PQF7T	GlobalFiler™ (STRmix)					
	13,14,[18.3]	[17],[18],21,26	11,[12],14	15,15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14,14	[18],21,24,[26]	8,12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16,16	X,X,[X],[Y]	[11],12,12
	[20],22,23			16,23,[27.2],[32.2]	6,6,[7]	8,8
	16,17	[11]			[2]	
2UKA4U	GlobalFiler™ (STRmix)					
	12,13,14	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	14,15	14	18,21,24	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,32.2	6,7	8
	16,17	11			2	
2WD7TN	GlobalFiler™					
	[12],13,14,[18.3]	[17,18],21,26	11,[12],14	15,[16,19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11,12],13
	[12,17],18,19	13,[15],16	29,31.2	[11,15],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2,32.2]	6,[7]	8
	[15],16,17	11			2	
2YFDLZ	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	10,11	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
2YYWUT	GlobalFiler™					
	13,14	(17),21,26	11,(12),14	15,15	8,13	
3e	(7),9,10	14,15	(13),14	21,24	8,12	9,13
	(12),18,19	13,(15),16	29,31.2	16,16	X,(Y)	(11),12
	(20),22,23			16,23,(27.2)	6,6	8,8
	16,17	--			--	
2ZAWQM	GlobalFiler™					
	(12),13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	(13),14,15	(13),14	[18],21,24,[26]	8,(11),12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16	X,[Y]	(11),12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	(15),16,17	[11]			[2]	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

34496J	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,20,21,25,26	10,11,12,14	14,15,16,19	8,12,13	
3e	7,9,10	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,X	11,12,13
	20,21,22,23			15,16,22,23	6,7	8,8
	15,16,17					
34M6J6	Investigator® 24plex QS					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11				
36GMTT	GlobalFiler™					
	13,14	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14,14	21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,X	11,12
	20,22,23			16,23,32.2	6,7	8,8
	15,16,17	11			2	
36XY9D	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
37BLTD	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
3B7D2A	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
3CKMVC	PowerPlex® Fusion 6C (Lab Retriever)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

3FC6YL	GlobalFiler™ Amplification kit					
	13,14	21,26	11,14	15,15	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
3NANMB	GlobalFiler™ (STRmix)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,12	9,11,12,13
	12,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
3NUEMH	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	-
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16	X,[Y]	[11],12
	[20],22,23	-	-	16,23,[27.2],[32.2]	6,[7]	8,8
	[15],16,17	[11]	-	-	[2]	
3TJQN7	GlobalFiler™					
	13,14,[18.3]	[17,18],21,26	11,[12],14	15,[16,19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14	21,24,[26]	8,[11],12	9,[11,12],13
	[12,17],18,19	13,[15],16	29,31.2	[11],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	[11]			[2]	
3VQ2MV	GlobalFiler™					
	[12],13,14,[18.3]	17,18,21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16	X,[Y]	11,12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	11			[2]	
3YUZXM	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
3e	9,10	[13],14,15	14	21,24	8,12	9,13
	18,19	13,[15],16	29,31.2	16	X	12
	22,23	[10],11	11,15	16,23,[27.2],[32.2]	6	8
	16,17	NR	NR	NR		
44HUG7	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,21,26	11,14	14,15,19	8,13	N/A
3e	7,9,10	13,14,15	13,14	18,21,23,24	8,11,12	9,12,13
	12,17,18,19	13,15,16	29,31.2	15,16	X	11,12
	22,23	N/A	N/A	16,23,32.2	6,7	8
	16,17	11	N/A	N/A	N/A	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

44KKMP	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
3e	9,10	14,15	14	21,24	8,11,12	9,13
	18,19	13,15,16	29,31.2	16	X	11,12
	22,23	11	11,15	16,23	6	8
	16,17					
47LU9Q	Identifiler® Plus					
		17,18,21,26		15,16,19	8,13,14	
3e	7,9,10,12	13,14,15			8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2		X,Y	11,12
	20,22,23				6,7	8
	15,16,17					
48J8UX	PowerPlex® Fusion 6C (STRmix)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	9,10	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	16	X,Y	12
	20,22,23	11	11,15,18	16,23,27.2,32.2	6	8
	16,17		17	18		
48KVG4	GlobalFiler™ (STRmix)					
	12,13,14	17,18,21,26	11,12,14	15,16,19	8,13	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11				
49EQXK	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	(13),14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	(15),16,17	[11]			[2]	
49T8Y6	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
4AA2YF	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	14,15	8,12,13	
3e	9,10	13,14,15	13,14	20,21,23,24,26	8,11,12	9,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	15,16,17	X,Y	11,12
	21,22,23			15,16,22,23	6	8
	15,16,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

4ARBQV	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	10,11,12,14	15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2	6,7	8
	15,16,17	11	17	18		
4BYFHX	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
4EZGKF	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
4FYL2A	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	16,17	11			2	
4JCGPK	GlobalFiler™ (STRmix 2.5)					
	13,14	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			NR	
4K79VY	GlobalFiler™					
	[12],13,14,[18.3]	[17,18],21,26	11,[12],14	15,15,[16,19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14,14	[18],21,24,[26]	8,12	9,[11,12],13
	[12,17],18,19	13,[15],16	29,31.2	[11],16,16	XX,[Y]	12,12
	[20],22,23			16,23,[27.2,32.2]	6,6,[7]	8,8
	[15],16,17	[11]			[2]	
4K8ACQ	GlobalFiler™					
	13,14,[18.3]	[17,18],21,26	11,14	15,[16,19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14	21,24,[26]	8,[11],12	9,[11,12],13
	[12,17],18,19	13,[15],16	29,31.2	[11],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2,32.2]	6	8
	[15],16,17	[11]			[2]	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

4MVLBV	PowerPlex® Fusion 6C					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
4N7K8Q	GlobalFiler™					
	[12],13,14,[18.3]	17,21,26	11,[12],14	15,[16,19]	8,13	
3e	9,10	[13],14,15	[13],14	21,24	8,[11],12	9,[12],13
	[12,17],18,19	13,16	29,31.2	[15],16	X,[Y]	[11],12
	[20],22,23			16,23	6,[7]	8,8
	[15],16,17				[2]	
4PYGUY	GlobalFiler™					
	13,14,(18.3)	(17,18),21,26	11,(12),14	15,(16,19)	8,13,(14)	
3e	(7),9,10,(12)	(13),14,15	(13),14	(18),21,24,(26)	8,(11),12	9,(11,12),13
	(12),18,19	13,(15),16	29,31.2	(11),16	X,(Y)	(11),12
	(20),22,23			16,23,(27.2,32.2)	6,(7)	8
	(15),16,17	-			(2)	
4R9CP4	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24	8,11,12	9,13
	12,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
4T4Z4T	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,32.2	6,7	8
	15,16,17	11			2	
4UWXAE	GlobalFiler™					
	[12],13,14,[18.3]	[17,18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	[11]			[2]	
4XCJ47	GlobalFiler™					
	13,14	17,18,21,26	11,12,14	15,16	8,13	
3e	9,10	13,14,15	14	21,24	8,12	9,13
	12,18,19	13,16	29,31.2	16	X	11,12
	20,22,23			16,23	6,7	8
	16,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

64D2UH	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10	(13),14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	[11]			[2]	
66ADVD	Investigator® 24plex					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11				
67JH92	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12,13
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	7,8
	15,16,17	11	17	18		
6A68TE	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11				
6AKHBJ	GlobalFiler™					
	[12],13,14,[18.3]	[17,18],21,26	11,[12],14	15,[16],19	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11,12],13
	[12,17],18,19	13,[15],16	29,31.2	[11,15],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2,32.2]	6,[7]	8
	[15],16,17	11			2	
6D4DEC	PowerPlex® Fusion 6C					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
6D4MXV	GlobalFiler™ (STRmix)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

6DKU8J	GlobalFiler™					
	[12],13,14,[18.3]	[17,18],21,26	11,[12],14	15,[16,19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11,12],13
	[12,17],18,19	13,[15],16	29,31.2	[11,15],16	X,Y	[11],12
	[20],22,23			16,23,[27.2,32.2]	6,[7]	8
	[15],16,17	[11]			2	
6F7K9N	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8,8
	15,16,17	11			2	
6G4XTV	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
6K387H	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	10,11,12,14	14,15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16	X,Y	11,12
	20,21,22,23			15,16,22,23	6,7	8
	15,16,17	11				
6KFNB	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
6LU94U	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	12
	20,22,23	11	11,15,18	16,23,27.2	6,7	8
	15,16,17	11	17	18		
6M8VMT	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16,17	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	7,8
	15,16,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

6QWWW3	GlobalFiler™					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
6R6ABJ	GlobalFiler™ (STRmix 2.5v)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	14,15	14	18,21,24,26	8,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	12
	20,22,23			16,23,27.2,32.2	6,7	8
	16,17	11			2	
6RKHDR	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	9,10,12	14,15	14,14	18,21,24,26	8,12	9,11,13
	17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,6	8,8
	16,17	11			2	
6TY373	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
6WZ49K	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	[11]			[2]	
74V7AV	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,15,16	29,31.2	[11],[15],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	[11]			[2]	
79TMMP	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,19	8,13,14	
3e	7,9,10,12	14,15	13,14	18,21,24	8,11,12	9,11,13
	12,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

7C7HBZ	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
7CTXHP	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,19	8,13,14	
3e	7,9,10,12	14,15	14	21,24	8,11,12	9,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	16,17	11			2	
7GE2Y8	GlobalFiler™ (STRMix)					
	13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16]	8,13,[14]	
3e	9,10	[13],14,15	14,14	21,24	8,[11],12	9,[11],13
	[12],18,19	13,[15],16	29,31.2	[11],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2]	6,[7]	8,8
	16,17	11			2	
7GJ9TN	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
7GZNV	GlobalFiler™					
	13,14,[18.3]	[18],21,26	11,[12],14	15,[19]	8,13	
3e	[7],9,10	14,15	14,14	21,24,[26]	8,12	9,[11],13
	[12],18,19	13,16	29,31.2	[11],16	X,[Y]	12,12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8,8
	16,17	[11]			[2]	
7HC7XA	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,12	9,11,12,13
	12,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	16,17	11			2	
7HGHL7	Investigator® 24plex QS (STRmix)					
	11,12,13,14,18.3	17,18,21,26	10,11,12,13,14	14,15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	12,13,14	18,21,24,26	7,8,11,12	8,9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16	X,Y	11,12
	20,21,22,23			15,16,22,23,32.2	6,7	7,8
	15,16,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

7MRQT2	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,19	8,13,14	
3e	7,9,10,12	13,14,15	14	21,24	8,11,12	9,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23	6	8
	15,16,17	11			2	
7R4UJ4	PowerPlex® Fusion (STRmix)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24	8,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	15,16	X,Y	11,12
	20,22,23	11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
7RKVKK	GlobalFiler™					
	[12],13,14,[18.3]	[17,18],21,26	11,[12],14	15,[16,19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11,12],13
	[12,17],18,19	13,[15],16	29,31.2	[11,15],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2,32.2]	6,[7]	8
	[15],16,17	11			2	
7RZ2XP	Identifiler® Plus					
		17,18,21,26		15,16,19	8,13,14	
3e	7,9,10,12	13,14,15			8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2		X,Y	11,12
	20,22,23				6,7	8
	15,16,17					
7U98JQ	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	NR			2	
7X9FNZ	PowerPlex® 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
7XNY8X	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	10,11,12,14	15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,16	X,Y	11,12,13
	20,22,23	10,11,12	11,14,15,18	16,23,27.2,32.2	5,6,7	8
	15,16,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

7XQB8M	GlobalFiler™					
	13,14	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	21,24	8,11,12	9,11,12,13
	17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	22,23			16,23,27.2	6,7	8,8
	15,16,17	11			2	
7Z9VRH	GlobalFiler™					
	(12),13,14,[18.3]	[17,18],21,26	11,[12],14	15,[16,19]	8,13,[14]	
3e	[7],9,10,[12]	(13),14,15	(13),14	21,24,[26]	8,(11),12	9,[11,12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2,32.2]	6,[7]	8
	[15],16,17	[11]				
84R6KF	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,21,25,26	10,11,14	14,15,19	8,12,13,14	
3e	9,10	13,14,15	13,14	18,21,24,26	8,11,12	9,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	15,16,17	X	11,12
	20,21,22,23			15,16,22,23,32.2	6,7	8
	15,16,17					
86KZ2W	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
87GC27	GlobalFiler™ (STRmix v.2.4)					
	12,13,14	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	15,16	X,Y	11,12
	20,22,23			16,23	6,7	8
	15,16,17	11			2	
88M7CW	PowerPlex® Fusion 6C (LabRetriever)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
88QLRH	PowerPlex® 6C					
	13,14,[18.3]	[17,18],21,26	11,[12],14	15,[16,19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14	[18],21,24,[26]	8,12	9,[11,12],13
	[12],18,19	13,[15],16	29,31.2	[11],16	X,[Y]	[11],12
	22,23	11	11,15,[18]	16,23,[27.2,32.2]	6,[7]	8
	16,17	11	NR	NR		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

8CJGXW	GlobalFiler™					
	13,14	[17],[18],21,26	11,[12],14	15,15,[16]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14,14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16,16	XX,[Y]	12,12
	[20],22,23			16,23,[27.2],[32.2]	6,6,[7]	8,8
	[15],16,17	[11]			[2]	
8EBCLQ	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,13,14	15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,30.2,31.2	11,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
8FKLAG	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	28,29,30.2,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11				
8FLE9N	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
8GB2BC	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14,14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16,16	XX,[Y]	[11],12,12
	[20],22,23			16,23,[27.2],[32.2]	6,6,[7]	8,8
	[15],16,17	11			2	
8GDM8R	GlobalFiler™					
	[12],13,14,[18.3]	17,18,21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	13,14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	11			2	
8GEBWH	GlobalFiler™					
	[12],13,14,[18.3]	[17,18],21,26	11,[12],14	15,[16,18,19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11,12],13
	[12,17],18,19	13,[15],16	29,31.2	[11,15],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2,32.2]	6,[7]	8
	[15],16,17	[11]			[2]	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

8GECDA	PowerPlex® Fusion 5C					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	14,15	14	18,21,24,26	8,12	9,11,12,13
	12,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	11,12	11,15,18		6,7	8
	16,17	11				
8GZQ49	GlobalFiler™					
	13,14,[18.3]	21,26	11,[12],14	15,[16]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14	21,24,[26]	8,12	9,[12],13
	[12],18,19	13,[15],16	29,31.2	[11],16	X,[Y]	12
	22,23			16,23,[27.2]	6,[7]	8
	16,17	11			2	
8LDNHM	GlobalFiler™					
	13,14,[18.3]	[17],[18],21,26	11,[12],14	15,15,[19]	8,13,[14]	
3e	9,10,[12]	[13],14,15	14,14	[18],21,24	8,[11],12	9,[11],[12],13
	[12],18,19	13,[15],16	29,31.2	[11],16,16	XX,[Y]	[11],12,12
	[20],22,23			16,23,[27.2],[32.2]	6,6,[7]	8,8
	16,17	[11]			[2]	
8NGJ2P	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	10,11,12	11,14,15,18	16,23,27.2,32.2	6,7	7,8
	15,16,17	11	17	18		
8Q3B6F	PowerPlex® Fusion 5C					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14,14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16,16	XX,[X,Y]	[11],12,12
	[20],22,23	[10],11,11,[12]	11,15,[18]		6,6,[7]	8,8
	[15],16,17	[11]				
8UKJE2	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
8VVJ4F	GlobalFiler™ PCR Amplification Kit					
	12,13,14,18.3	17,18,21,26	11,12,14	15,19	8,13,14	
3e	9,10,12	13,14,15	13,14	21,24	8,11,12	9,13
	12,17,18,19	13,16	29,31.2	15,16	X,Y	11,12
	20,22,23			16,23,27.2	6,7	8
	15,16,17				2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

8YBRRF	GlobalFiler™ (STRMix)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
97P49D	Investigator® 24plex (STRMix)					
	12,13,14,18.3	17,18,21,26	10,11,14	14,15,16	8,12,13,14	
3e	7,9,10	13,14,15	13,14	18,20,21,23,24	8,11,12	9,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	21,22,23			16,23,27.2,32.2	6,7	7,8
	15,16,17	11				
97UHLE	PowerPlex® Fusion 6C (STRmix)					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16	X,[Y]	[11],12
	[20],22,23	[10],11	11,15,[18]	16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	11	17	18		
99DM8P	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
99YX8Y	PowerPlex® Fusion 6C					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
9FFMTD	GlobalFiler™ (STRmix v2.5)					
	12,13,14	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	15,16	X,Y	12
	20,22,23			16,23,27.2,32.2	6,7	8
	16,17	11			2	
9FJ39Y	Investigator® 24plex QS					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

9GAEH6	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,19	8,13,14	
3e	7,9,10	13,14,15	14	18,21,24	8,11,12	9,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6	8
	15,16,17	11			2	
9HZKYV	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
9K9NT8	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
9K9QKW	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,20,21,26	11,12,14	15,16,19	8,13	
3e	7,9,10,12	13,14,15	13,14	18,21,24	8,12	9,11,12,13
	12,17,18,19	13,16	29,31.2	16	X,Y	11,12
	20,21,22,23	10,11	11,15	16,23	6,7	8
	15,16,17	11	17	18		
9KAL43	Investigator® 24plex QS (STRmix)					
	12,13,14,18.3	18,20,21,25,26	10,11,14	14,15,16,19	8,12,13,14	
3e	7,9,10	13,14,15	12,13,14	18,20,21,23,24	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16	X,Y	11,12
	21,22,23			15,16,22,23	6,7	7,8
	15,16,17	11				
9L2L2D	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
9LKGHE	GlobalFiler™ PCR Amplification Kit					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

9MUEWW	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
9NQZJV	PowerPlex® 16 HS					
				15,16	8,13,14	
3e	9,10,12	13,14,15			8,12	9,11,13
	12,18,19		29,31.2		X,Y	11,12
	20,22,23	11	11,15		6,7	8
	16,17					
9PZZLH	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
9Y9GC3	Investigator® 24plex QS					
	[12],13,14,[18.3]	[17],21,26	11,[12],14	15,[16],[19]	8,13,[14]	N/A
3e	[7],9,10,[12]	[13],14,15	14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16	X,[Y]	[11],12
	[20],22,23	N/A	N/A	16,23	6	8
	[15],16,17	11	N/A	N/A	N/A	
9Z3B46	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,14	15,16,19	8,13,14	-
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	-	-	16,23,27.2,32.2	6,7	8
	15,16,17	11	-	-	2	
A6BWMW	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	10,11,12,14	15,16,19	8,13	
3e	7,9,10,12	14,15	13,14	18,21,24	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,21,22,23	10,11	11,15,18	16,22,23,27.2,32.2	6,7	8
	15,16,17	11	17			
A6UR6X	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

A7PB9K	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16	8,13	
3e	7,9,10,12	13,14,15	14,14	18,21,24	8,12	9,11,12,13
	12,18,19	13,15,16	29,31.2	11,16	X,Y	12,12
	20,22,23			16,23,27.2	6,7	8,8
	16,17	11			2	
A7R4UY	GlobalFiler™					
	13,14	17,18,21,26	11,12,14	15	8,13,14	
3e	9,10,12	14,15	14	21,24	8,12	9,13
	18,19	13,15,16	29,31.2	16	X,Y	12
	20,22,23			16,23,27.2,32.2	6,7	8
	16,17	11			2	
A9T8BZ	GlobalFiler™					
	[12],13,14	[17],[18],21,26	11,[12],14	15,15	8,13,[14]	
3e	9,10,[12]	[13],14,15	14,14	[18],21,24	8,12	9,13
	18,19	13,[15],16	29,31.2	[11],16	X,[Y]	12,12
	[20],22,23			16,23,[32.2]	6,6	8,8
	16,17	11			2	
ACXPYV	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,14	15,16,19	8,13	
3e	7,9,10,12	14,15	13,14	18,21,24,26	8,12	9,11,12,13
	12,17,18,19	13,16	29,31.2	11,16	X,Y	12
	20,21,22,23	10,11	11,15,18	16,23,27.2	6,7	8
	16,17	11	17	18		
ADAL4Z	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15	8,13	
3e	9,10	14,15	14	21,24	8,12	9,13
	12,18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
AE2L2B	PowerPlex® Fusion 5C					
	13,14,[18.3]	[17,18],21,26	11,[12],14	15,[16,19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	21,24,[26]	8,[11],12	9,[11,12],13
	[12,17],18,19	13,16	29,31.2	16	X,[Y]	[11],12
	[20],22,23	11	11,15,[18]		6	8
	16,17	11				
AEYWWT	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

AFYLTW	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	14,15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
AMCJCA	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	14,15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	12,13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16	X,Y	11,12
	20,21,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11				
AMF42X	GlobalFiler™					
	12,13,14	17,18,21,26	11,12,14	15,16,19	8,13	
3e	7,9,10,12	13,14,15	14	18,21,24	8,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	16,17					
AMF7TN	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	28,29,31.2	11,15,16,17	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
AN7ETQ	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,[Y]	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
AQCU9A	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24	8,11,12	9,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,32.2	6,7	8
	15,16,17	11				
AQYFKZ	GlobalFiler™					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

AVQRDB	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	14,15,16,19	8,12,13	N/A
3e	9,10	13,14,15	12,13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	20,21,22,23	N/A	N/A	16,23,27.2,32.2	6	8
	15,16,17	11	N/A	N/A	N/A	
AWM4F7	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
AWMWFY	GlobalFiler™					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13	
3e	7,9,10,12	14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,18,19	13,15,16	29,31.2	11,16	X,Y	12
	20,22,23			16,23,27.2,32.2	6,7	8
	16,17	11			2	
AXV3NT	GlobalFiler™					
	[12],13,14,[18.3]	[17,18],21,26	11,[12],14	15	8,13,[14]	
3e	9,10,[12]	[13],14,15	14	21,24,[26]	8,[11],12	9,[12],13
	18,19	13,[15],16	29,31.2	[11],16	X,[Y]	[11],12
	22,23			16,23	6	8
	16,17				[2]	
B4JD6V	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	10,11,12,13,14	15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	20,21,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	7,8
	15,16,17		17	18		
B6QJFB	PowerPlex® Fusion 5C					
	[12],13,14	21,26	11,14	15,[19]	8,13,[14]	
3e	[7],9,[10,12]	[13],14,15	[13],14	[18],21,14	[8,11],12	9,[11,12],13
	[17],18,19	13,[15],16	[29],31.2	[15],16	X,[Y]	[11],12
	[20],22,23	[10],11,[12]	11,15,[18]		6	8
	[15],16,17					
B73ARZ	GlobalFiler™					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	14,15	13,14	18,21,24,26	8,12	9,11,12,13
	12,17,18,19	13,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	16,17	11			2	

TABLE 2

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

Item 3e - STR Results

B9ARPV	GlobalFiler™					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	14,15	14	18,21,24,26	8,11,12	9,11,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
BA4F4K	GlobalFiler™ (STRmix)					
	13,14	18,21,26	11,14	15,16	8,13	
3e	9,10	13,14,15	14	21,24	8,12	9,13
	17,18,19	13,15,16	29,31.2	16	X	12
	20,22,23			16,23	6,7	8
	16,17					
BCMJQW	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
BDJ4BB	GlobalFiler™ (STRmix)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
BJRB2F	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11				
BJT7QD	GlobalFiler™ (STRmix v2.5)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,30,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
BKLWWR	GlobalFiler™					
	13,14,[18.3]	21,26	11,[12],14	15,15,[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14,14	[18],21,24,[26]	8,[11],12	9,[12],13
	[12],18,19	13,[15],16	29,31.2	[11],16,16	XX,[Y]	[11],12,12
	[20],22,23			16,23,[27.2]	6,6,[7]	8,8
	[15],16,17	[11]				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

BMVZQ4	PowerPlex® 21					
	13,14,18.3	17,18,21,26		15,16,19	8,13,14	12,16,20
3e	7,9,10	13,14,15		18,21,24	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2		X,Y	11,12
	20,22,23	10,11	11,15		6,7	8
	16,17					
BUAVLC	Investigator® 24plex (STRmix)					
	12,13,14,18.3	18,20,21,25,26	10,11,12,14	14,15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	20,21,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11				
BUAZVE	PowerPlex® Fusion 6C					
	13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14	[18],21,24,[26]	8,12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16	X,[Y]	[11],12
	[20],22,23	11	11,15,[18]	16,23,[27.2],[32.2]	6,[7]	8
	16,17	11	17	18		
BWGDJ8	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11				
BYZA7C	GlobalFiler™					
	[12],13,14	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	(13),14,15	(13),14	[18],21,24	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16	X	[11],12
	[20],22,23			16,23,[32.2]	6,[7]	8
	(15),16,17				[2]	
BZWL88	Investigator® 24plex (STR Mix)					
	13,14	21,26	11,14	15	8,13	
3e	9,10	14,15	13,14	21,24	8,11,12	9,12,13
	18,19	13,15,16	29,31.2	16	X	11,12
	22,23			16,23	6,7	8
	15,16,17					
C2KLHM	PowerPlex® Fusion 6C					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	11	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

C2LBN6	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,32.2	6,7	8
	16,17	11			2	
C4P789	PowerPlex® Fusion 5c					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14,14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16,16	X,X,[X,Y]	[11],12,12
	[20],22,23	[10],11,11,[12]	11,15,[18]		6,6,[7]	8,8
	[15],16,17	[11]				
C6QPMW	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
CAYC2T	PowerPlex® Fusion 5C					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	16	X,X,[Y]	[11],12
	[20],22,23	11,[12]	11,15,[18]		6	8
	[15],16,17	[11]				
CBFEYU	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16,17	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
CC38JB	GlobalFiler™					
	13,14	[17],[18],21,26	11,[12],14	15,[19]	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	[17],18,19	13,[15],16	29,31.2	16,16	X,[Y]	12,12
	[20],22,23			16,23	6,[7]	8,8
	[15],16,17	[11]			[2]	
CC8BMN	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13	
3e	7,9,10	13,14,15	14,14	18,21,24	8,11,12	9,13
	12,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8,8
	15,16,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

CGJG4U	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8,8
	15,16,17	11			2	
CHAJRV	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
CJNZWW	Investigator® 24plex QS					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11				
CTVNYU	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
CU6KGT	PowerPlex® Fusion 6C					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	NOT TESTED
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18	NOT TESTED	
CU9BJU	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	14,15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
CVDWXU	PowerPlex® Fusion 6C					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16	X,[Y]	[11],12
	[20],22,23	[10],11,[12]	11,15,[18]	16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	[11]	[17]	[18]		

TABLE 2

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

Item 3e - STR Results

CVK2HD	PowerPlex® 5C					
	13,14,[18.3]	[18],21,26	11,[12],14	15,[16],[19]	8,13	
3e	9,10,[12]	14,15	14,14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	18,19	13,[15],16	29,31.2	16,16	X,[Y]	12,12
	[20],22,23	11,11	11,15		6,6	8,8
	16,17					
CVMKNN	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
CYNNHW	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
CZW69F	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	10,11,13,14	14,15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	12,13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12,13
	20,21,22,23			16,23,27.2,32.2	5,6,7	7,8
	15,16,17	11				
D23M7B	Investigator® 24plex (STRmix)					
	12,13,14,18.3	18,20,21,26	10,11,12,14	14,15,16,19	8,12,13,14	
3e	7,9,10	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	20,21,22,23			16,22,23,27.2	6,7	7,8
	15,16,17	11				
D23RER	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
D2JYPF	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13	
3e	7,9,10,12	13,14,15	13,14	18,21,23,24,26,27	8,11,12	9,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

D3FEYR	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
D3GC83	GlobalFiler™ (STRmix)					
	13,14,[18.3]	[18],21,26	11,[12],14	15,[16,19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14	[18],21,24	8,[11],12	9,[11,12],13
	[12],18,19	13,[15],16	29,31.2	[11],16	[X,Y]	12
	[20],22,23			16,23,[32.2]	6,[7]	8
	16,17	NR			[2]	
D49AF9	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	9,10,12	13,14,15	13,14	18,21,24	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
D6XMXR	PowerPlex® Fusion 6C					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
D9XYR7	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
DBRB2D	Investigator® 24plex (STRmix)					
	12,13,14	20,21,26	11,12,14	14,15	8,13	
3e	9,10	14,15	13,14	20,21,23,24	8,12	9,12,13
	17,18,19	12,13,16	29,30.2,31.2	15,16	X,Y	11,12
	22,23			16,23	6	8
	15,16,17	11				
DC39FV	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

DETEVL	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	28,29,31.2	11,15,16,17	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,32.2	6,7	8
	15,16,17	11	17	18		
DF6BZP	GlobalFiler™					
	13,14,18.3	17,18,21,26	11,12,14	15,19	8,13,14	
3e	7,9,10,12	13,14,15	14,14	18,21,24,26	8,11,12	9,11,13
	12,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8,8
	15,16,17	11			2	
DGCK3V	Investigator® 24plex					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11				
DHUK97	Investigator® 24plex (STRmix V2.406)					
	12,13,14,18.3	17,18,21,26	11,12,14	14,15,19	8,12,13,14	
3e	7,9,10,12	13,14,15	12,13,14	20,21,23,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16	X,Y	11,12
	20,21,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11				
DJZ6XR	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	7,8
	15,16,17	11	17	18		
DLMTAR	PowerPlex® Fusion 5C					
	13,14,[18.3]	[17],[18],21,26	11,[12],14	15	8,13,[14]	
3e	[7],9,10,[12]	14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],18,19	13,[15],16	29,31.2	16	X,(Y)	[11],12
	22,23	11,[12]	11,15		6	8
	[15],16,17	11				
DLMXH9	PowerPlex® Fusion, Fusion 6C					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	NT
3e	[7],9,10,[12]	[13],14,15	14	[18],21,24,[26]	8,12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16	X,(Y)	[11],12
	[20],22,23	11,[12]	11,15,[18]	16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	11	17	18	NT	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

DLPJGA	PowerPlex® Fusion 5C					
	13,14	[17],[18],21,26	11,14	15,15,[19]	8,13,[14]	
3e	9,10,[12]	[13],14,15	14,14	21,24	8,12	9,[11],[12],13
	18,19	13,16	29,31.2	[11],16,16	X,X,[X,Y]	[11],12,12
	22,23	11,11,[12]	11,15,[18]		6,6,[7]	8,8
	16,17	[11]				
DNGE64	GlobalFiler™ (STRmix)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6	8
	16,17	11			2	
DTAJWM	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,[16],[19]	8,13,14	
3e	7,9,10,12	13,14,15	[13],14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,[Y]	[11],12
	20,22,23			16,23,[27.2],[32.2]	6,[7]	8
	15,16,17	11			2	
DTB936	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
DU46PD	Identifiler® Plus					
		17,18,21,26		15,16,19	8,13,14	
3e	7,9,10,12	13,14,15			8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2		X,Y	11,12
	20,22,23				6,7	8
	15,16,17					
DU8XCR	GlobalFiler™ (STRmix)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,12	9,11,12,13
	18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
DVGPHN	Investigator® 24plex QS (TrueAllele)					
	13,14,[18.3]	[18],21,26	11,[12],14	15	8,13,[14]	
3e	[7],9,10	14,15	14	[18],21,24	8,12	9,[11],[12],13
	[12],18,19	13,[15],16	29,31.2	16	X	[11],12
	[20],22,23			16,23,[32.2]	6,[7]	8
	16,17	NR				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

DX798R	GlobalFiler™ (STRMIX)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
	7,9,10,12	13,14,15	14,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8,8
	15,16,17	11			2	
E2HFAR	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	NT
	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16	X,[Y]	[11],12
	[20],22,23	NT	NT	16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	11	NT	NT	2	
E6WCFT	Identifiler® Plus					
		[17],21,26		15,[16],[19]	8,13,[14]	
	9,10,[12]	[13],14,15			8,[11],12	9,[11],[12],13
	[12],18,19	13,16	29,31.2		X,Y	[11],12
	[20],22,23				6,[7]	8,8
	16,17					
E7W4WA	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	14,15,16,19	8,12,13,14	
	7,9,10,12	13,14,15	13,14	21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16	X,Y	11,12
	20,21,22,23			16,23,27.2,32.2	6,7	7,8
	15,16,17	11				
E8636X	Investigator® 24plex QS					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	N/A
	9,10,[12]	[13],14,15	14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16	X,[Y]	[11],12
	[20],22,23	N/A	N/A	16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	11	N/A	N/A	N/A	
E86B2N	PowerPlex® Fusion5C (STRMIX)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
	7,9,10,12	13,14,15	14	18,21,24,26	8,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	16	X,Y	11,12
	20,22,23	11	11,15,18		6,7	8
	15,16,17					
E8MACZ	Identifiler® Plus					
		(17),(18),21,26		15,15,(16),(19)	8,13,(14)	
	(7),9,10,(12)	(13),14,15			8,(11),12	9,(11),(12),13
	(12),(17),18,19	13,(15),16	29,31.2		XX,(Y)	(11),12,12
	(20),22,23				6,6,(7)	8,8
	(15),16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

E9GZFU	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
EB4PND	PowerPlex® Fusion 6C (STRmix)					
	12,13,14	21,26	11,14	15	8,13	
3e	9,10	14,15	14	18,21,24	8,12	9,11,12,13
	12,18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
EB7AKT	Investigator® 24plex QS					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11				
EC2ZHV	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16	8,13,14	
3e	9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X	11,12
	22,23			16,23	6	8
	15,16,17	11				
EDTZF7	PowerPlex® Fusion 5C					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,15,[16],[18],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14,14	[18],21,24,[25],[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16,16	X,X,[X,Y]	[11],12,12
	[20],22,23	11,11,[12]	11,15,[18]		6,6,[7]	8,8
	[15],16,17	[11]				
EEMTBP	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
EFYJLE	GlobalFiler™ (STRmix)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	21,24	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,32.2	6,7	8
	15,16,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

EGQNUR	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
EGRGRZ	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	21,24	8,[11],12	9,[12],13
	[12],[17],18,19	13,[15],16	[29],[31.2]	[11],[15],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8,8
	[15],16,17	[11]			[2]	
EHQFB9	PowerPlex® Fusion 6C (STRmix)					
	(12),13,14,(18.3)	(17),(18),21,26	11,(12),14	15,(16),(19)	8,13,(14)	
3e	(7),9,10,(12)	(13),14,15	(13),14	(18),21,24,(26)	8,(11),12	9,(11),(12),13
	(12),(17),18,19	13,(15),16	29,31.2	(11),(15),16	X,(Y)	(11),12
	(20),22,23	(10),11,(12)	11,15,(18)	16,23,(27.2),(32.2)	6,(7)	8
	(15),16,17	11	17	18		
EKAJWK	PowerPlex® Fusion 6C (STRmix)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10	14,15	14	21,24,26	8,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	10,11	11,15,18	16,23,27.2	6,7	8
	15,16,17	11	17	18		
EMKA9A	GlobalFiler™ (STRmix 2.5v)					
	13,14	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6	8
	15,16,17	NR			2	
EP2TY7	GlobalFiler™					
	[12],13,14,[18.3]	17,18,21,26	11,12,14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	13,14,15	13,14	[18],21,24,[26]	8,11,12	9,[11],[12],13
	[12],[17],18,19	13,15,16	29,31.2	[11],[15],16	X,[Y]	11,12
	20,22,23			16,23,[27.2],[32.2]	6,7	8
	15,16,17	[11]			[2]	
ETQ2JT	PowerPlex® ESX16 Fast					
	13,14	[17,18],21,26	11,[12],14	15,[16,19]		
3e		14,15	14	[18],21,24,[26]		9,13
	18,19	13,[15],16	29,31.2	16	X,[Y]	
	[20],22,23				6,[7]	
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

EV8JAN	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
EYDZP8	Investigator® 24plex (STRMix)					
	12,13,14	17,20,21,25,26	10,11,12,13,14	14,15,16,19	7,8,12,13,14	
3e	7,9,10,12	13,14,15	12,13,14	18,20,21,23,24	8,11,12	8,9,11,12,13
	12,16,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12,13
	20,21,22,23			15,16,22,23,32.2	6,7	7,8
	15,16,17	11				
F3BRJP	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	29,31.2	11,15,16,17	X,Y	11,12
	20,21,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
F4N77Y	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,14	15,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
F6EAVZ	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16**],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	[15**],16,17	NR			[2]	
F6ECMP	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16,17	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
F6UN6V	GlobalFiler™					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,13
	12,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

F7BP7C	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	10,11,12,13,14	14,15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15,16	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	20,21,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11				
F8Z688	PowerPlex® Fusion 5C, Fusion 6C					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16	X,[Y]	[11],12
	[20],22,23	11,[12]	11,15,[18]	16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	[11]	NR	NR		
FA7LMP	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
FBXUHC	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
FD8K8G	GlobalFiler™ (STRmix)					
	12,13,14,18.3	18,21,26	11,12,14	15,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
FDCWTR	Investigator® 24plex QS (Strmix)					
	12,13,14,18.3	17,18,21,26	10,11,12,13,14,Q	14,15,16,19,Q	7,8,12,13,14,Q	
3e	7,9,10,12	13,14,15,16,Q	12,13,14	18,21,24,26	7,8,11,12	8,9,11,12,13,Q
	12,16,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17,Q	X,Y	10,11,12,13,Q
	20,21,22,23,Q			16,23,27,32.2	4,5,6,7,Q	7,8,Q
	15,16,17	11				
FECJRN	PowerPlex® Fusion 6C					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	Not tested
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18	Not tested	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

FEHNDR	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	-
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	-	-	16,23,27.2,32.2	6,7	8
	15,16,17	11	-	-	2	
FFBKZZ	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17				2	
FG9UTH	PowerPlex® Fusion 6C (STRmix)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	14,15	14	18,21,24	8,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	16	X,Y	12
	20,22,23	11	11,15,18	16,23,27.2,32.2	6,7	8
	16,17	11	17	18		
FHN39X	PowerPlex® 21 (STRmix)					
	13,14,[18.3]	[17],21,26		15,15,[19]	8,13	16,20 [12]
3e	9,10,[12]	14,15		[18],21,24,[26]	8,[11],12	9,[11,12],13
	[12],18,19	13,16	29,31.2		X,[Y]	[11],12,12
	[20],22,23	[10],11,11	11,15,[18]		6,6	8,8
	16,17					
FKBLAV	GlobalFiler™					
	13,14,18.3	21,26	11,12,14	15,16	8,13	
3e	7,9,10	14,15	14	21,24	8,12	9,13
	17,18,19	13,15,16	29,31.2	16	X	11,12
	20,22,23			16,23	6,7	8
	16,17	11				
FKQ2JQ	PowerPlex® Fusion 6C (STRmix)					
	12,13,14	17,18,21,26	11,12,14	14,15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	15,16,17	X,Y	11,12
	20,21,22,23	10,11	11,15,18	15,16,22,23	6,7	8
	15,16,17	11	17	18		
FQT2R8	PowerPlex® Fusion 5C					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,15,[16],[18],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14,14	[18],21,24,[25],[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16,16	X,X,[X,Y]	[11],12,12
	[20],22,23	[10],11,11,[12]	11,15,[18]		6,6,[7]	8,8
	[15],16,17	[11]				

TABLE 2

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

Item 3e - STR Results

FRQCLP	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
FUVUJ	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
FW3DTE	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
FW6XPU	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
FWGNMD	GlobalFiler™					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
FYLGEGQ	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
G67WHN	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	[11]			[2]	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

G72G7M	PowerPlex® Fusion 6C					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	Not Tested
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18	Not Tested	
G78K9E	GlobalFiler™					
	13,14,[18.3]	[17],[18],21,26	11,[12],14	15,15,[16],[19]	8,13,[14]	NA
3e	[7],9,10,[12]	[13],14,15	[13],14,14	[18],21,24	8,[11],12	9,[11],[12],13
	[12],18,19	13,[15],16	29,31.2	[11],16,16	XX,[Y]	[11],12,12
	[20],22,23	NA	NA	16,23,[27.2],[32.2]	6,[7]	8,8
	[15],16,17	[11]	NA	NA	[2]	
G8ZHEZ	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
GBWB4N	PowerPlex® Fusion 5C					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16	X,[Y]	[11],12
	[20],22,23	[10],11,[12]	11,15,[18]		6,[7]	8
	[15],16,17	11				
GEWHNL	PowerPlex® ESI FAST 16					
	(12),13,14,(18.3)	(17,18),21,26	11,(12),14	15,(16,19)		
3e		(13),14,15	(13),14	(18),21,24,(26)		9,(11,12),13
	(12,17),18,19	13,(15),16	29,31.2	(11,15),16	X,(Y)	
	(20),22,23				6,(7)	
	(15),16,17					
GF8GKF	PowerPlex® Fusion (STRmix)					
	13,14	21,26	11,14	15	8,13	
3e	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17	INC				
GJRAWH	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		

TABLE 2

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

Item 3e - STR Results

GK6WGH	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
GMVWG	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	20,22,23	10,11	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
GPGUUW	PowerPlex® 21 (STRmix)					
	12,13,14	17,21,26		15,16	8,13,14	16,20
3e	7,9,10	13,14,15		18,21,24	8,11,12	9,12,13
	17,18,19	13,15,16	29,31.2		X	11,12
	20,22,23	10,11	11,15		6,7	8
	15,16,17					
GTGV99	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	10,11,12,13,14	14,15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	20,21,22,23			16,23,27.2,32.2	6	7,8
	15,16,17	11				
GVFDXM	GlobalFiler™ (BulletProof)					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	[11]			[2]	
GVKTBN	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
GYLRUU	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	14,15,16,19	8,12,13	
3e	7,9,10	13,14,15	13,14	20,21,23,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16	X,Y	11,12
	20,22,23			16,22,23,32.2	6,7	8
	15,16,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

GZDRR6	Identifiler® Plus					
	(17),(18),21,26			15,15,(16),(19)	8,13	
3e	(7),9,10,(12)	14,15			8,12	9,(11),(12),13
	(12),18,19	13,(15),16	29,31.2		XX,(Y)	(11),12,12
	22,23				6,6,(7)	8,8
	16,17					
H4V6CR	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	14,15,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	29,30.2,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6	8
	15,16,17	11				
H4XUHB	PowerPlex® Fusion 6C (STRmix)					
	12,13,14	17,18,21,26	11,12,14	15,16	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24	8,11,12	9,11,12,13
	17,18,19	13,16	29,31.2	11,16	X	11,12
	22,23	10,11	11,15	16,23,27.2,32.2	6	8
	16,17					
H6N6A4	PowerPlex® Fusion 5C					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	XX,X,Y	11,12
	20,22,23	10,11,12	11,15,18		6,7	8,8
	15,16,17	11				
H7Y67X	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16	X,(Y)	[11],12
	[20],22,23			16,23,[27.2]	6,[7]	8
	[15],16,17	[11]			[2]	
HAYF2X	GlobalFiler™					
	[12],13,14,[18.3]	[17,18],21,26	11,[12],14	15,[16,19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11,12],13
	[12,17],18,19	13,[15],16	29,31.2	[11,15],16	X,(Y)	[11],12
	[20],22,23			16,23,[27.2,32.2]	6,[7]	8
	[15],16,17	[11]			[2]	
HBY7GT	GlobalFiler™					
	12,13,14	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	

TABLE 2

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

Item 3e - STR Results

HCPDWJ	PowerPlex® Fusion 6C (Lab Retriever)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	14,15	14	18,21,24	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	16	X,Y	11,12
	20,22,23	10,11	11,15,18	16,23,27.2,32.2	6,7	8
	16,17	11	17	18		
HJKGH8	PowerPlex® Fusion 6C					
	13,14,[18.3]	[18],21,26	11,[12],14	15,[16],[19]	8,13	
3e	[7],9,10	[13],14,15	14	[18],21,24	8,12	9,[12],13
	[12],18,19	13,[15],16	29,31.2	[11],16	X,Y	12
	22,23	11	11,15	16,23,[27.2],[32.2]	6,[7]	8
	16,17	NR	NR	NR		
HKYTC7	GlobalFiler™ PCR Amplification Kit					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	[11]			[2]	
HNPY8N	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	17,18		
HQNJM8	Investigator® 24plex QS (STRmix)					
	12,13,14,18.3	17,20,21,25,26	10,11,12,13,14	14,15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,X	11,12
	20,21,22,23			16,23,27.2,32.2	6,7	7,8
	15,16,17	11				
HTCZWF	GlobalFiler™					
	[12],13,14,[18.3]	[17,18],21,26	11,[12],14	15,[16,19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[12],13
	[12,17],18,19	13,[15],16	29,31.2	16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2,32.2]	6,[7]	8
	[15],16,17	11			2	
HTEFHT	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13	
3e	7,9,10,12	13,14,15	14	21,24	8,12	9,11,13
	12,18,19	13,15,16	29,31.2	11,16	X	11,12
	20,22,23			16,23,27.2	6,7	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

HTQGZX	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	14,15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	29,30.2,31.2	11,15,16	X,Y	11,12
	20,22,23			15,16,22,23,27.2	6,7	8
	15,16,17	11				
HUK3QR	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	14,15,16,19	8,13	
3e	7,9,10	14,15	13,14	18,21,23,24	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23	6	8
	15,16,17	11				
HUMTWA	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
HXPPD4	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
HZAR6A	Identifiler® Plus					
		17,18,21,26		15,16,19	8,13,14	
3e	7,9,10,12	13,14,15			8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2		X,Y	11,12
	20,22,23				6,7	8
	15,16,17					
J2MCXJ	PowerPlex® Fusion 6C					
	[12],13,14,[18.3]	[17,18],21,26	11,[12],14	15,[16,19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14	[18],21,24,[26]	8,12	9,[11,12],13
	[12,17],18,19	13,[15],16	29,31.2	[11],16	X,[Y]	[11],12
	[20],22,23	11	11,15,[18]	16,23,[27.2,32.2]	6,[7]	8
	[15],16,17	[11]	[17]	[18]		
J3A6G2	GlobalFiler™ (STRmix 2.4)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

J4TWM6	GlobalFiler™ (STRmix 2.5v)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	16,17	11			2	
J68ENP	GlobalFiler™					
	12,13,14	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10	13,14,15	14	18,21,24	8,12	9,12,13
	17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2	6,7	8
	15,16,17	11			2	
J6H9DX	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
J79FD2	GlobalFiler™ (STRmix v2.4.06)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
J7C2AG	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
J8T9GJ	GlobalFiler™					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	14,15	14,14	18,21,24,26	8,11,12	9,11,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	12,12
	20,22,23			16,23,32.2	6,7	8,8
	15,16,17	11			2	
J9E23M	GlobalFiler™					
	[12],13,14	[17],[18],21,26	11,14	15	8,13	
3e	9,10	[13],14,15	[13],14	21,24	8,[11],12	9,[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[15],16	X,[Y]	12
	22,23			16,23	6	8
	[15],16,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

J9JC87	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	10,11,12,13,14	14,15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	20,21,22,23			16,23,27.2,32.2	6,7	7,8
	15,16,17	11				
J9ZKYL	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
JADX2W	GlobalFiler™					
	13,14,[18.3]	[18],21,26	11,[12],14	15,[19]	8,13,[14]	
3e	[7],9,10,[12]	14,15	14	21,24,[26]	8,12	9,[11],13
	18,19	13,[15],16	29,31.2	[11],16	X,[Y]	12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	16,17	[11]			[2]	
JBCZTM	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
JBPYG4	GlobalFiler™					
	13,14,[18.3]	[17],[18],21,26	11,14	15,[19]	8,13,[14]	
3e	[7],9,10,[12]	(13),14,15	(13),14	[18],21,24,[26]	8,(11),12	9,[11],[12],13
	[12],[17],18,19	13,(15),16	29,31.2	16	X,[Y]	(11),12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	16,17	[11]			[2]	
JC7V94	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
JETM7R	GlobalFiler™					
	13,14	17,18,21,26	11,12,14	15,16,19	8,13	
3e	7,9,10,12	13,14,15	14	18,21,24	8,11,12	9,11,12,13
	12,18,19	13,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	16,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

JL9BY9	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	14,15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11				
JLA4WF	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
JLDNL6	GlobalFiler™ (STRMix 2.5v)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16	8,13,14	
3e	7,9,10	14,15	14	21,24	8,11,12	9,11,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
JNERDR	GlobalFiler™					
	12,13,14	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
JNVR9G	GlobalFiler™					
	[12],13,14,[18.3]	17,18,21,26	11,12,14	15,[16],[19]	8,13,14	
3e	7,9,10,12	13,14,15	[13],14	18,21,24,26	8,[11],12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	[11],[15],16	X,[Y]	11,12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	15,16,17	11			2	
JZTLR6	GlobalFiler™ (STRmix v2.5)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16	8,13,14	
3e	7,9,10,12	13,14,15	13,14	21,24	8,11,12	9,12,13
	17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,32.2	6,7	8
	15,16,17	11			2	
K2MMCM	Identifiler® Plus, PowerPlex® Fusion 6C					
	[12],13,14	[17],[18],21,26	11,[12],14	15,[16]	8,13	
3e	9,10	[13],14,15	[13],14	[18],21,24	8,12	9,[11],[12],13
	[12],18,19	13,[15],16	29,31.2	16	X,[Y]	[11],12
	[20],22,23	[10],11,[12]	11,15	16,23	6	8
	16,17	11	17	18		

TABLE 2

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

Item 3e - STR Results

K3T9P2	GlobalFiler™ (STRmix v2.4)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
K4463J	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
K4KCBL	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	10,11,12,14	15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	28,29,31.2	11,16	X,Y	11,12,13
	20,22,23	10,11,12	11,14,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
K786U4	GlobalFiler™ PCR Amplification Kit					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
K8MBLE	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
K92H8V	GlobalFiler™ (STRMIX)					
	13,14,[18.3]	[17,18],21,26	11,[12],14	15,[16,19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14	[18],21,24,[26]	8,[11],12	9,[11],13
	[12,17],18,19	13,[15],16	29,31.2	[11],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2,32.2]	6,[7]	8
	[15],16,17	[11]			[2]	
K9F79M	Investigator® 24plex QS (STRmix)					
	12,13,14,18.3	20,21,25,26	11,14	14,15	8,13	
3e	9,10	13,14,15	13,14	20,21,23,24	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	15,16	X	11,12
	21,22,23			15,16,22,23	6,7	8
	15,16,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

K9X3RA	PowerPlex® Fusion 6C, GlobalFiler™ (GeneMapper ID-X Software)					
	13,14	21,26	11,14	15	8,13	
3e	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
KA96FU	Identifiler® Plus					
		(17),(18),21,26		15,15,(16),(19)	8,13,(14)	
3e	(7),9,10,(12)	(13),14,15			8,(11),12	9,(11),(12),13
	(12),(17),18,19	13,(15),16	29,31.2		XX,(Y)	(11),12,12
	22,23				6,6,(7)	8,8
	(15),16,17					
KBLRX9	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
KDDNM3	PowerPlex® Fusion 6C (STRmix)					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14	21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16	X,(Y)	[11],12
	[20],22,23	[10],11,[12]	11,15,[18]	16,23,[27.2],[32.2]	6,[7]	8
	16,17	11	17	18		
KE3YDV	GlobalFiler™ (STRmix)					
	13,14,18.3	17,18,21,26	11,12,14	15,19	8,13,14	
3e	7,9,10,12	14,15	14	21,24	8,11,12	9,11,12,13
	12,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2	6,7	8
	15,16,17	11			2	
KFVR9E	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10	14,15	14	18,21,24	8,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	12
	20,22,23	11	11,15,18	16,23	6,7	8
	16,17	11	17	18		
KH8LV7	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	10,11,12,13,14	14,15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	12,13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	20,21,22,23			16,23,27.2,32.2	6,7	7,8
	15,16,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

KJW2W2	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
KJYMRG	PowerPlex® Fusion 6C (STRmix)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	12
	20,22,23	10,11	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
KKU7W4	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15	8,13	
3e	9,10,[12]	(13),14,15	(13),14	21,24	8,(11),12	9,[12],13
	[12],[17],18,19	13,[15],16	29,31.2	(15),16	X,[Y]	(11),12
	[20],22,23			16,23,[27.2]	6,[7]	8
	(15),16,17					
KLQGX	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	10,11,12,14	14,15,16	8,12,13	
3e	9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	20,21,22,23			15,16,22,23,32.2	6,7	8
	15,16,17	11				
KN9XQ4	Investigator® 24plex (STRMix)					
	12,13,14	17,18,21,26	10,11,12,13,14	14,15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	20,21,22,23			16,23,27.2,32.2	6,7	7,8
	15,16,17	11				
KNW3NJ	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14,14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16,16	XX,[Y]	[11],12,12
	[20],22,23			16,23,[27.2],[32.2]	6,6,[7]	8,8
	[15],16,17	[11]			[2]	
KPLDEC	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	

TABLE 2

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

Item 3e - STR Results

KPNXCD	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
KXFH8D	PowerPlex® Fusion 6C (STRMix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	11	11,15,18	16,23,32.2	6,7	8
	16,17	11	17	18		
KXH8EW	GlobalFiler™ (STRMix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
L2UFD	GlobalFiler™ (STRmix)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	9,10	13,14,15	13,14	21,24	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11				
L37CHK	PowerPlex® Fusion 6C					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
L6VEWK	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
L8GJ74	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[18],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

LA8LV4	Investigator® 24plex QS (STRmix)					
	12,13,14,18.3	17,18,21,26	10,11,12,13,14	14,15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	20,21,23,24	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,X	11,12
	20,21,22,23			16,23,27.2,32.2	6,7	7,8
	15,16,17	11				
LD8TG2	GlobalFiler™ (STRmix 2.5)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16	8,13,14	
3e	7,9,10,12	13,14,15	14	21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
LE2JMF	GlobalFiler™					
	[12],13,14	[17],[18],21,26	11,[12],14	15,15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14,14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16,16	X,[Y]	[11],12,12
	[20],22,23			16,23,[27.2],[32.2]	6,6,[7]	8,8
	[15],16,17	[11]			[2]	
LFBBTC	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,[12],14	15,16,19	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	11,15,16	X,[Y]	[11],12
	[20],22,23			16,23,27.2,32.2	6,[7]	8
	[15],16,17	[11]			[2]	
LGLDEB	PowerPlex® Fusion (STRmix)					
	13,14	21,26	11,14	15	8,13	
3e	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17	INC				
LGNC7X	GlobalFiler™					
	[12],13,14,[18.3]	[17,18],21,26	11,[12],14	15,15,[16,19]	8,13,[14]	N/T
3e	[7],9,10,[12]	[13,]14,15	14,14	[18],21,24,[26]	8,12	9,[11,12],13
	[12],18,19	13,[15],16	29,31.2	[11],16,16	XX,[Y]	[11,]12,12
	[20],22,23	N/T	N/T	16,23,[27.2,32.2]	6,6,[7]	8,8
	16,17	11	N/T	N/T	2	
LK6HX7	PowerPlex® Fusion 6C					
	13,14	[17],[18],21,26	11,14	15	8,13	
3e	[7],9,10,[12]	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15,[18]	16,23	6	8
	16,17	[11]				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

LR4YHJ	PowerPlex® Fusion 5C, 6C					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
LTMMDL	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16,17	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
LVB3MT	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
LWJF3A	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	16,17	11			2	
LXE8R2	PowerPlex® Fusion 5C					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14,14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16,16	X,X,[X,Y]	11,12
	[20],22,23	[10],11,11,[12]	11,15,[18]		6,6,[7]	8,8
	[15],16,17	[11]				
LYCBR4	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
LYQTRN	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

M2NPHG	PowerPlex® Fusion 6C					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
M3P9W6	PowerPlex® Fusion 6C					
	13,14,[18.3]	[17],[18],21,26	11,[12],14	15,15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14,14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16,16	XX,[Y]	[11],12,12
	[20],22,23	11,11	11,15,[18]	16,23,[27.2],[32.2]	6,6,[7]	8,8
	16,17	[11]	[17]	[18]		
M6RJH8	Identifiler® Plus					
		17,18,21,26		15,16,19	8,13,14	
3e	7,9,10,12	13,14,15			8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2		X,Y	11,12
	20,22,23				6,7	8
	15,16,17					
M6WQV2	GlobalFiler™ (STRmix v2.5)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	16,17	11			2	
M8DAKW	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	13,14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16,16	XX,[Y]	11,12
	[20],22,23			16,23,[27.2],[32.2]	6,6,[7]	8,8
	[15],16,17	11			2	
M8GPZH	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	XX	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
M8YP7T	PowerPlex® Fusion 6C					
	13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16	X,[Y]	[11],12
	[20],22,23	11	11,15	16,23,[27.2]	6,[7]	8
	16,17	[11]	[17]			

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

MDN7HJ	PowerPlex® Fusion 6C (STRmix)					
	13,14,18.3	17,18,21,26	11,14	15,19	8,13	
3e	7,9,10,12	14,15	14	18,21,24,26	8,12	9,11,13
	18,19	13,16	29,31.2	11,16	X,Y	12
	20,22,23	10,11	11,15	16,23,27.2,32.2	6	8
	16,17	11	17	18		
MHGJ6	GlobalFiler™					
	13,14	17,21,26	11,12,14	15	8,13	
3e	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,15,16	29,31.2	16	X,X	11,12
	22,23			16,23	6	8
	16,17	NR			NR	
MKLYQD	PowerPlex® Fusion 6C (Lab Retriever)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	11	11,15,18	16,23,27.2,32.2	6,7	8
	16,17	11	17	18		
MLALU2	GlobalFiler™ PCR Amplification Kit (GeneMapperID-X version 1.4)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
MMVYVK	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10	13,14,15	13,14	18,21,24,26	8,11,12	9,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,32.2	6,7	8
	15,16,17	11			2	
MPCHLG	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
MQB8JK	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	10,11,12,13,14	14,15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16,17	X,Y	11,12
	20,21,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

MV3QC3	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	10,11,12,14	14,15,16,19	8,12,13,14	
3e	9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	20,21,22,23			15,16,22,23,32.2	6,7	8
	15,16,17	11				
MV4HAA	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	28,29,31.2	11,15,16,17	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
MXF8H	PowerPlex® Fusion 6C					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16	X,[Y]	[11],12
	[20],22,23	[10],11,[12]	11,15,[18]	16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	[11]	[17]	[18]		
MWR7DX	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
N3KBYE	PowerPlex® Fusion 6C					
	13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10	[13],14,15	14	[18],21,24,[26]	8,[11],12	9,[11],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16	X,[Y]	12
	[20],22,23	11	11,15	16,23,[27.2,32.2]	6,[7]	8
	16,17	[11]	[17]	[18]		
N4WBV9	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	7,8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12,13
	20,22,23	10,11,12	11,14,15,18	16,23,27.2,32.2	6,7	7,8
	15,16,17	11	17	18		
N8VLR9	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16,17	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	7,8
	15,16,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

NCMV28	GlobalFiler™ (STRmix)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	16,17	11			2	
NCR9MH	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8,8
	15,16,17	11			2	
NDFU8T	GlobalFiler™ (STRmix)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
NKG2TM	Investigator® 24plex QS (STRmix)					
	12,13,14,18.3	20,21,25,26	11,14	14,15	8,13	
3e	9,10	13,14,15	13,14	20,21,23,24	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	15,16	X	11,12
	21,22,23			15,16,22,23	6,7	8
	15,16,17	11				
NMLB36	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8,8
	15,16,17	11			2	
NN4FL4	PowerPlex® Fusion 6C					
	13,14,[18.3]	[17],[18],21,26	11,[12],14	15,15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14,14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16,16	XX,[Y]	[11],12,12
	[20],22,23	11,11	11,15,[18]	16,23,[27.2],[32.2]	6,6,[7]	8,8
	[15],16,17	[11]	[17]	[18]		
NNWDQP	GlobalFiler™ (STRmix 2.4)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6	8
	15,16,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

NQ27J3	Identifiler® Plus					
		[17],[18],21,26		15,[16],[19]	8,13,[14]	
3e	[7],9,10	[13],14,15			8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2		X,Y	[11],12
	[20],22,23				6,[7]	8
	[15],16,17					
NWC3FP	PowerPlex® 21 (STRmix)					
	13,14,[18.3]	21,26		15	8,13	[12],16,20
3e	9,10	14,15		[18],21,24	8,12	9,13
	[12],18,19	13,[15],16	29,31.2		X,Y	12
	22,23	11	11,15		6	8
	16,17					
NXNMKT	PowerPlex® Fusion 6C					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	14,15	[13],14	[18],21,24,[26]	8,12	9,[11],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16	X,Y	[11],12
	[20],22,23	[10],11	11,15,[18]	16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	[11]	[17]	[18]		
P26E7F	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14,14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16	X,Y	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8,8
	16,17	[11]			[2]	
P64P3E	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14,14	[18],21,24,[26]	8,12	9,[11],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16	X,Y	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8,8
	[15],16,17	[11]			[2]	
P7D429	PowerPlex® Fusion 6C (STRmix)					
	13,14,18.3	18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	14,15	14	21,24,26	8,12	9,11,12,13
	12,18,19	13,15,16	29,31.2	16	X,Y	12
	20,22,23	11	11,15,18	16,23	6,7	8
	16,17	11	17	18		
P7FT8Q	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

P7UZT8	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2	6,7	8,8
	15,16,17	11			2	
PBQUHW	GlobalFiler™					
	13,14,18.3	17,18,21,26	10,11,12,13,14	14,15,19	7,8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	20,21,23,24,26	8,11,12	8,9,11,12,13,14
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	20,21,22,23			16,23,27.2,32.2	5,6,7	7,8
	15,16,17	11			2	
PDE34J	GlobalFiler™ (STRmix)					
	13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	14,15	14	[18],21,24	8,12	9,[11],13
	[12],18,19	13,[15],16	29,31.2	[11],16	X	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	16,17	11			[2]	
PMNG2E	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	11			2	
PN3ZUN	PowerPlex® 21					
	[12],13,14,[18.3]	[17],[18],21,26		15,[16]	8,13	[12],16,20
3e	[7],9,10,[12]	[13],14,15		[18],21,24	8,12	9,[11],[12],13
	[12],18,19	13,[15],16	29,31.2		X,[Y]	[11],12
	[20],22,23	11,11	11,15,[18]		6,[7]	8,8
	16,17					
PPAAU9	GlobalFiler™ 1910090					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
PQPKVL	GlobalFiler™					
	13,14,18.3	17,18,21,26	11,12,14	15,16	8,13	
3e	7,9,10	13,14,15	13,14	18,21,24	8,12	9,13
	17,18,19	13,15,16	29,31.2	15,16	X	11,12
	20,22,23			16,23	6,7	8
	16,17				2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

PTRMEW	Investigator® 24plex (STRmix)					
	12,13,14	18,20,21,25,26	11,14	14,15	8,12,13	
3e	9,10	13,14,15	13,14	18,20,21,23,24	8,11,12	9,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	20,21,22,23			16,22,23	6	8
	15,16,17	11				
PUM7HH	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,21,26	11,12,14	15,16,19	8,13	
3e	9,10	13,14,15	13,14	21,24	8,12	9,13
	18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	22,23			16,23	6	8
	16,17					
PVE7FU	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
Q3V2WN	Identifiler® Plus					
		17,20,21,26		15,16	8,13	
3e	7,9,10,12	13,14,15			8,11,12	9,12,13
	17,18,19	13,15,16	29,31.2		X,X	11,12
	20,22,23				6,7	8,8
	16,17					
Q4PR33	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14,14	18,21,24,26	8,11,12	9,11,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8,8
	15,16,17	11			2	
Q646TK	GlobalFiler™					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
Q878DF	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16,17	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

QA99ED	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14,14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16	X,Y	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8,8
	[15],16,17	[11]			[2]	
QCJXV4	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
QCZ437	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
QDDHNV	PowerPlex® Fusion 5C					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,15,[16],[18],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14,14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16,16	X,X,X,Y	[11],12,12
	[20],22,23	[10],11,11,[12]	11,15,[18]		6,6,[7]	8,8
	[15],16,17	[11]				
QDUU8Z	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	14,15,16,19	8,12,13,14	
3e	9,10	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	15,16,17	X,Y	11,12
	20,21,22,23			15,16,22,23,27.2	6,7	8
	15,16,17	11				
QE6RKH	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
QENF3C	PowerPlex® Fusion 5C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18		6,7	8
	15,16,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

QGRBLF	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
QKC4WH	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
QKRMEU	GlobalFiler™					
	[12],13,14,[18.3]	[17,18],21,26	11,14	15,[16,19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14	[18],21,24	8,[11],12	9,[11,12],13
	[12,17],18,19	13,[15],16	29,31.2	[11],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2,32.2]	6,[7]	8
	[15],16,17	[11]			[2]	
QNFU7H	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
QP7XUJ	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
QP7ZL9	PowerPlex® Fusion 6C (STRMix)					
	12,13,14,18.3	17,18,21,26	10,11,12,14	15,16,19	8,13	
3e	7,9,10,12	14,15	13,14	18,21,24,26	8,12	9,11,12,13
	12,17,18,19	13,16	29,31.2	16	X,Y	11,12
	20,21,22,23	10,11	11,15,18	16,23,27.2,32.2	6	8
	15,16,17	11	17	18		
QPMADN	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

QRDFTE	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
QREC2P	GlobalFiler™					
	13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[19]	8,13,[14]	
3e	9,10,[12]	14,15	14	[18],21,24	8,12	9,[11],13
	[12],18,19	13,[15],16	29,31.2	[11],16	X	12
	22,23			16,23,[27.2]	6,[7]	8
	16,17	NR			[2]	
QT7BAV	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
QW982C	GlobalFiler™					
	13,14	[17,18],21,26	11,[12],14	15,15,[16]	8,13	
3e	[7],9,10,[12]	14,15	14,14	[18],21,24	8,[11],12	9,[11,12],13
	[12],18,19	13,[15],16	29,31.2	[11],16,16	XX,[Y]	12,12
	[20],22,23			16,23,[27.2]	6,6,[7]	8,8
	16,17	[11]			[2]	
QWQ6B3	GlobalFiler™					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10	13,14,15	14,14	18,21,24	8,12	9,11,13
	12,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8,8
	15,16,17	-			2	
R4FBG9	GlobalFiler™ (STRmix)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2	6,7	8
	15,16,17	11			2	
R8YFY6	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		

TABLE 2

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

Item 3e - STR Results

R9TZXW	GlobalFiler™ PCR Amplification Kit					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
REKB6E	Investigator® 24plex QS (STRmix (only 3 sp))					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	16,17	11				
RGAHK6	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13	
3e	7,9,10,12	14,15	13,14	18,21,24,26	8,12	9,11,12,13
	12,17,18,19	13,16	29,31.2	16	X,Y	11,12
	20,21,22,23	10,11	11,15,18	16,23,27.2,32.2	6	8
	15,16,17	11	17	18		
RHN3DF	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,[16],[19]	8,13,14	
3e	7,9,10,12	[13],14,15	[13],14	18,21,24,26	8,[11],12	9,11,12,13
	12,17,18,19	13,[15],16	29,31.2	11,15,16	X,[Y]	11,12
	20,22,23			16,23,27.2,32.2	6,[7]	8
	[15],16,17	[11]			[2]	
RHX36F	PowerPlex® Fusion 6C (STRmix V2.5.11)					
	13,14	21,26	11,14	15,15	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
RHYV3N	Identifiler® Plus					
		17,18,21,26		15,16,19	8,13,14	
3e	7,9,10,12	13,14,15			8,11,12	9,11,12,13
	17,18,19	13,15,16	29,31.2		X,X,Y	11,12
	20,22,23				6,7	8,8
	16,17					
RJVBDY	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

RK6K4B	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
RK7BAU	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	[8],13,[14]	
3e	9,10	[13],14,15	[13],14	[18],21,24	8,12	9,13
	[12],[17],18,19	13,[15],16	29,31.2	16	X	12
	22,23	11,[12]	11,15		6,[7]	8
	[15],16,17	NT				
RL9UPH	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10	13,14,15	13,14	21,24	8,11,12	9,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2	6,7	8
	15,16,17	11			2	
RQB6C3	GlobalFiler™					
	13,14	[17],[18],21,26	11,[12],14	15,15,[16],[19]	8,13	
3e	[7],9,10,[12]	14,15	14,14	[18],21,24,[26]	8,12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16,16	X,X,[X],[Y]	12,12
	[20],22,23			16,23	6,6,[7]	8,8
	16,17	[11]			[2]	
RQDP9H	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	15,16,17	X,Y	11,12
	20,21,22,23	10,11,12	11,15	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
RUU9YE	PowerPlex® Fusion 6C					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
RV8WHD	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

RY64YG	PowerPlex® PP21					
	12,13,14,18.3	17,18,21,26		15,16,19	8,13	12,16,20
	7,9,10,12	13,14,15		18,21,24,26	8,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2		X,Y	11,12
	20,22,23	11	11,15		6,7	8
	15,16,17					
RYM7PQ	Investigator® 24plex (STRmix)					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	11				
RZX9CP	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
	7,9,10,12	13,14,15	13,14	18,21,24	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11		2		
T3ZHWQ	GlobalFiler™					
	[12],13,14,[18.3]	[17,18],21,26	11,[12],14	15,15,[16,19]	8,13,[14]	
	[7],9,10,[12]	[13],14,15	[13],14,14	[18],21,24,[26]	8,[11],12	9,[11,12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11,15],16,16	XX,[Y]	11,12
	[20],22,23			16,23,[27.2,32.2]	6,6,[7]	8,8
	[15],16,17	11		2		
T6DT7G	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
	7,9,10,12	13,14,15	13,14	18,21,24,26	8,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23	6,7	8
	15,16,17	11		2		
T8EYJ3	GlobalFiler™					
	13,14,[18.3]	[17],21,26	11,[12],14	15,15,[16],[19]	8,13,[14]	
	[7],9,10,[12]	14,15	[13],14,14	[18],21,24	8,12	9,[11],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16,16	XX,[Y]	[11],12,12
	[20],22,23			16,23,[27.2],[32.2]	6,6,[7]	8,8
	16,17	[11]		[2]		
T8GJFH	PowerPlex® Fusion 6C (STRMIX)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
	9,10,12	13,14,15	14	18,21,24,26	8,12	9,11,12,13
	12,18,19	13,15,16	29,31.2	11,16	X,Y	12
	20,22,23	11	11,15,18	16,23,27.2,32.2	6,7	8
	16,17	11				

TABLE 2

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

Item 3e - STR Results

T8XM2W	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	10,11,12,13,14	14,15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	8,9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	20,21,22,23			16,23,27.2,32.2	6,7	7,8
	15,16,17	11				
T9QNY8	GlobalFiler™					
	13,14,[18.3]	[17],[18],21,26	11,[12],14	15	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14	[18],21,24	8,[11],12	9,[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16	X	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6	8
	[15],16,17	11			2	
TAN2DD	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	20,21,25,26	10,11,12,14	14,15,16,19	8,12,13,14	
3e	7,9,10	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	20,21,22,23	10,11,12	11,15	15,16,22,23,27.2,32.2	6,7	8,8
	15,16,17	11		18		
TBX36D	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
TEEHGQ	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	10,11,12,13,14	14,15,16,19	7,8,12,13,14	
3e	8,9,10,12	13,14,15	13,14	18,20,21,23,24	8,11,12	8,9,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	15,16,17	X,Y	11,12,13
	20,21,22,23			15,16,22,23,32.2	5,6,7	7,8
	15,16,17	11				
TFBUJL	GlobalFiler™ (STRmix™)					
	12,13,14,18.3	17,18,21,26	11,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
TJTYDA	GlobalFiler™					
	[12],13,14,[18.3]	[17,18],21,26	11,[12],14	15,15,[19]	8,13,[14]	
3e	[7],9,10,[12]	14,15	[13],14,14	[18],21,24,[26]	8,[11],12	9,[11,12],13
	[12,17],18,19	13,[15],16	29,31.2	[11],16,16	X,X,[Y]	[11],12,12
	[20],22,23			16,23,[27.2,32.2]	6,6,[7]	8,8
	[15],16,17	[11]			[2]	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

TMBF9Z	GlobalFiler™ (STRmix)					
	12,13,14	17,18,20,21,25,26	11,14	15,16	8,13,14	
	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,13
	12,17,18,19	13,15,16	29,31.2	11,16	X	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	16,17					
TNZQZT	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11		2		
TRLFJ7	PowerPlex® Fusion 6C (STRmix)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	10,11	11,15,18	16,23,32.2	6,7	8
	16,17	11	17	18		
TUCNWF	GlobalFiler™					
	13,14	17,21,26	11,12,14	15	8,13	
	9,10	14,15	14	21,24	8,11,12	9,12,13
	18,19	13,15,16	29,31.2	11,16	X	12
	20,22,23			16,23	6,7	8
	15,16,17	11		NR		
TVLF3B	GlobalFiler™					
	13,14,[18.3]	[17,18],21,26	11,[12],14	15,[19]	8,13	
	[7],9,10,[12]	14,15	14	[18],21,24,[26]	8,12	9,[11],13
	[12],18,19	13,[15],16	29,31.2	[11],16	X,[Y]	12
	[20],22,23			16,23,[27.2,32.2]	6	8
	16,17	[11]		[2]		
TX99MT	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
	7,9,10,12	13,14,15	13,14	18,21,24,26	8,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11		2		
U344GD	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11		2		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

U3EAD E	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
U4XXU	Investigator® 24plex (STRmix)					
	12,13,14	17,18,21,26	10,11,12,13,14	14,15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	20,21,22,23			16,23,27.2,32.2	6,7	7,8
	15,16,17	11				
U7HVGE	PowerPlex® Fusion 6C					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
U8ELAE	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
UAYATR	Investigator® 24plex (STRMIX)					
	13,14,18.3	21,26	11,12,14	15	8,13	N/A
3e	9,10	14,15	13,14	21,24	8,12	9,12,13
	17,18,19	13,15,16	29,31.2	15,16,17	X,Y	11,12
	22,23	N/A	N/A	16,23	6	8
	16,17		N/A	N/A	N/A	
UBVLVL	PowerPlex® Fusion 6C					
	13,14	[18],21,26	11,14	15,[16],[19]	8,13,[14]	
3e	9,10	14,15	14	[18],21,24,[26]	8,12	9,[11],[12],13
	[12],18,19	13,16	29,31.2	16	X,[Y]	[11],12
	[20],22,23	[10],11	11,15	16,23,[32.2]	6	8
	16,17		[17]	[18]		
UDHH4C	Identifiler® Plus, PowerPlex® Fusion 6C					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[19]	8,13,[14]	
3e	9,10	[13],14,15	14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16	X	[11],12
	[20],22,23	[10],11,[12]	11,15	16,23,[27.2],[32.2]	6,[7]	8
	16,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

UEQLM3	GlobalFiler™					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,6	8,8
	15,16,17	11			2	
UFQD2X	PowerPlex® Fusion 6C					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14	[18],21,24,[26]	8,12	9,[11],[12],13
	[12],18,19	13,16	29,31.2	[11],16	X,[Y]	[11],12
	[20],22,23	[10],11	11,15,[18]	16,23,[27.2],[32.2]	6	8
	16,17	[11]	[17]	[18]		
UKHKJ7	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
UL9WUC	PowerPlex® Fusion 6C					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16	X,[Y]	[11],12
	[20],22,23	[10],11,[12]	11,15,[18]	16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	[11]	[17]	[18]		
UNLHUY	GlobalFiler™					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	14,15	14	18,21,24	8,12	9,11,13
	18,19	13,15,16	29,31.2	11,16	X,Y	12
	20,22,23			16,23,27.2,32.2	6,7	8
	16,17	11				
UNXEZ4	PowerPlex® Fusion 6C (STRmix)					
	13,14	17,18,21,26	11,14	15,19	8,13	
3e	7,9,10,12	14,15	14	18,21,24	8,12	9,13
	12,17,18,19	13,16	29,31.2	16	X,Y	11,12
	20,22,23	11	11,15,18	16,23,32.2	6	8
	16,17	11		18		
UQ877Y	GlobalFiler™					
	[12],13,14	[17,18],21,26	11,[12],14	15,[16],19	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24	8,[11],12	9,[12],13
	[17],18,19	13,[15],16	29,31.2	[11],[15],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2]	6,6	8,8
	[15],16,17	[11]			[2]	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

UTEJUR	Investigator® 24plex (STRMix)					
	12,13,14,18.3	17,18,21,26	10,11,12,13,14	14,15,16,19	8,12,13	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,12,13
	17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	21,22,23			16,23,27.2,32.2	6,7	7,8
	15,16,17	11				
UTWH76	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	14,15	14	18,21,24,26	8,12	9,11,13
	12,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	11,12	11,15	16,23,32.2	6,7	8
	16,17	11		18		
UUBVWM	PowerPlex® Fusion 6C					
	13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],18,19	13,[15],16	29,31.2	[11],16	X,[Y]	12
	[20],22,23	[10],11,[12]	11,15,[18]	16,23,[27.2],[32.2]	6,[7]	8
	16,17	[11]	[17]	[18]		
UVGH6K	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	9,10,[12]	[13],14,15	14	[18],21,24,[26]	8,[11],12	9,[12],13
	[12],18,19	13,[15],16	29,31.2	[11],16	X,Y	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	[11]			2	
UVGKWB	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
UW8TWD	PowerPlex® Fusion 6C					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
UYL2EE	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	

TABLE 2

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

Item 3e - STR Results

V2MEQ7	Investigator® 24plex QS					
	13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10	[13],14,15	[13],14	21,24	8,[11],12	9,[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16	X,[Y]	[11],12
	[20],22,23			16,23,[32.2]	6,[7]	8
	[15],16,17	[11]				
V46TU7	GlobalFiler™					
	[12],13,14	[17],[18],21,26	11,[12],14	15,[19]	8,13,[14]	
3e	[7],9,10,[12]	14,15	14,14	[18],21,24,[26]	8,12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8,8
	16,17	[11]			[2]	
V6MHKD	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
VDUJGY	GlobalFiler™					
	13,14,[18.3]	[17],[18],21,26	11,[12],14	15,15,[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14,14	[18],21,24,[26]	8,[11],12	9,[11],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16,16	X,X,[X],[Y]	[11],12,12
	[20],22,23			16,23,[27.2],[32.2]	6,6,[7]	8,8
	16,17	NSD			[2]	
VEMGMJ	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
VGX2T9	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
VJN97H	PowerPlex® 21 (STRmix v2.7.0)					
	12,13,14,18.3	17,18,21,26		15,16,19	8,13,14	12,16,20
3e	7,9,10,12	13,14,15		18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2		X,Y	11,12
	20,22,23	10,11,12	11,15,18		6,7	8
	15,16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

VM89JD	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2	6	8
	16,17	11			2	
VNAFDP	PowerPlex® Fusion 5C					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,15,[16],[18],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14,14	[18],21,24,[25],[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16,16	X,X,[X],[Y]	[11],12,12
	[20],22,23	11,11,[12]	11,15,[18]		6,6,[7]	8,8
	[15],16,17	[11]				
VNYC9D	GlobalFiler™					
	[12^],13,14	17^,18^,21,26	11,[12^],14	15	8,13,[14^]	
3e	[7^],9,10,[12^]	[13^],14,15	[13^],14	[18^],21,24	8,[11^],12	9,[12^],13
	[12^],[17^],18,19	13,[15^],16	29,31.2	16	X,X	12
	[20^],22,23			16,23,[27.2^]	6,[7^]	8
	[15^],16,17	[11]				
VPBYTD	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
VRFMWH	PowerPlex® Fusion 6C					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10	13,14,15	13,14	18,21,24,26	8,11,12	9,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
VUHL8A	PowerPlex® Fusion 5C					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18		6,7	8
	15,16,17	11				
VXXXT	Investigator® 24plex (STRMix)					
	12,13,14	17,18,21,26	10,11,12,14	14,15,16,19	8,12,13,14	
3e	7,9,10	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	15,16,17	X,Y	11,12
	20,21,22,23			15,16,22,23	6,7	7,8
	15,16,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

VX2XRX	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,6	8,8
	15,16,17	11			2	
VXN6EJ	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
W2LZJ4	Investigator® 24plex QS					
	13,14,(18.3)	(17),(18),21,26	11,(12),14	15,(19)	8,13,(14)	
3e	9,10	14,15	14	(18),21,24,(26)	8,12	9,11,12,13
	(12),18,19	13,15,16	29,31.2	(11),16	X,Y	11,12
	22,23			16,23,(27.2)	6,(7)	8
	16,17	11				
W3PZBN	PowerPlex® Fusion 5C					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,(18),19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,X,X,Y	11,12
	20,22,23	10,11,12	11,15,18		6,7	8,8
	15,16,17	11				
W47UBX	PowerPlex® ESI-Fast					
	13,14	21,26	11,14	15,15		
3e		14,15	14,14	21,24		9,13
	18,19	13,16	29,31.2	16,16	X,X	
	22,23				6,6	
	16,17					
WCG7C3	PowerPlex® Fusion 6C (STRMIX)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16,17	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
WD8G4U	GlobalFiler™					
	(12),13,14	[17],[18],21,26	11,[12],14	15,[16]	8,13	
3e	[7],9,10,[12]	(13),14,15	(13),14	21,24	8,(11),12	9,[12],13
	[12],[17],18,19	13,(15),16	29,31.2	(15),16	X,[Y]	[11],12
	[20],22,23			16,23,[32.2]	6	8
	(15),16,17	[11]			[2]	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

WER8G9	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16,17	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
WFYC9C	Investigator® 24plex QS (STRMix)					
	12,13,14,18.3	17,20,21,25,26	11,12,14	14,15,16,19	8,12,13,14	
3e	9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	8,9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	21,22,23			15,16,22,23,27.2	6,7	7,8
	15,16,17	11				
WHMPRU	Identifiler® Plus					
		17,18,21,26		15,16,19	8,13,14	
3e	7,9,10,12	13,14,15			8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2		X,Y	11,12
	20,22,23				6,7	8
	15,16,17					
WHQC7M	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	[11]			[2]	
WL7TQD	GlobalFiler™					
	13,14,18.3	17,18,21,26	11,12,14	15,19	8,13,14	
3e	7,9,10,12	14,15	14	18,21,24,26	8,12	9,11,13
	12,18,19	13,15,16	29,31.2	11,16	X,Y	12
	20,22,23			16,23,27.2,32.2	6,7	8
	16,17	11			2	
WLHL89	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8,8
	15,16,17	11			2	
WQ3LF2	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

WRQ9JN	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	10,11,12,14	14,15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	20,21,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
WTTNMB	Investigator® 24plex QS (STRmix)					
	12,13,14,18.3	17,18,20,21,25,26	10,11,12,13,14,Q	14,15,16,19	7,8,12,13,14	
3e	7,9,10,12	13,14,15,Q	12,13,14	18,21,24,26	7,8,11,12	8,9,11,12,13,14
	12,17,18,19,Q	12,13,15,16,Q	28,29,30.2,31.2	11,14,15,16,17	X,Y	10,11,12,13
	20,21,22,23,Q			16,23,27.2,32.2	5,6,7	7,8
	15,16,17	11				
WUF98K	GlobalFiler™ (STRmix)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,12	9,11,12,13
	12,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2	6,7	8
	15,16,17				2	
WW7FNB	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
WWK2ZX	GlobalFiler™					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	14,15	14,14	18,21,24,26	8,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2	6,7	8,8
	15,16,17	11			2	
WWRYJB	Investigator® 24plex QS (STRmix)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	14,15	14	18,21,24,26	8,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	16,17	11				
WXH6Y2	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16,17	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

WXJ39B	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	21,24	8,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
WYT6UA	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
X34JVL	GlobalFiler™					
	[12],13,14,[18.3]	17,18,21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	11			2	
X42WFT	Identifiler® Plus					
		17,18,21,26		15,16,19	8,13,14	
3e	7,9,10,12	13,14,15			8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2		X,Y	11,12
	20,22,23				6,7	8
	15,16,17					
X6A9V9	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
X6B2TG	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14,14	21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16,16	X,X,[Y]	[11],12,12
	[20],22,23			16,23,[27.2],[32.2]	6,6,[7]	8,8
	[15],16,17	[11]			[2]	
X76RYV	GlobalFiler™					
	(12),13,14,(18.3)	(17,18),21,26	11,(12),14	15,(16),19	8,13,(14)	
3e	(7),9,10,(12)	(13),14,15	(13),14	(18),21,24	8,(11),12	9,(11,12),13
	(12,17),18,19	13,(15),16	29,31.2	(11,15),16	X,(Y)	(11),12
	(20),22,23			16,23,(27.2,32.2)	6,(7)	8,8
	(15),16,17	11			2	

TABLE 2

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

Item 3e - STR Results

X7AXTC	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,13,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	29,31.2	11,15,16,17	X,Y	11,12
	20,21,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	7,8
	15,16,17	11	17	18		
X8HCR7	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14,14	[18],21,24	8,12	9,[12],13
	[12],18,19	13,[15],16	29,31.2	[11],16	X,X	[11],12
	[20],22,23			16,23,[32.2]	6,[7]	8,8
	[15],16,17	[11]			[2]	
X8HEGA	GlobalFiler™					
	[12^],13,14	[17^],21,26	11,[12^],14	15,[16^]	8,13,[14^]	
3e	[7^],9,10,[12^]	14,15	14	[18^],21,24,[26^]	8,12	9,13
	[12^],18,19	13,[15^],16	29,31.2	[11^],16	X,[Y]	12
	[20^],22,23			16,23,[27.2^],32.2^]	6	8
	16,17	[11]			[2]	
XAPGJ9	PowerPlex® Fusion 6C					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
XB38TD	Investigator® 24plex (STRmix)					
	12,13,14,15,18.3	17,18,21,26	10,11,12,13,14	14,15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	12,13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16	X,Y	11,12
	20,21,22,23			16,23,27.2,32.2	6,7	7,8
	15,16,17	11				
XE2DEA	GlobalFiler™					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,18,19	13,15,16	29,31.2	11,16	X,Y	12
	22,23			16,23,27.2,32.2	6,7	8
	16,17	11			2	
XGLCJR	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	(13),14,15	(13),14	[18],21,24,[26]	8,(11),12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	(15),16,17	[11]			[2]	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

XHHMKM	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15	8,13	
3e	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
XJVGWG	Identifiler® Plus					
		(17),(18),21,26		15,15,(16),(19)	8,13,(14)	
3e	(7),9,10,(12)	(13),14,15			8,(11),12	9,(11),(12),13
	(12),(17),18,19	13,(15),16	29,31.2		XX,(Y)	(11),12,12
	(20),22,23				6,6,(7)	8,8
	(15),16,17					
XK7EAX	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6	8
	15,16,17	11			2	
XK8246	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24	8,11,12	9,11,12,13
	12,18,19	13,15,16	29,31.2	16	X,Y	11,12
	20,22,23	10,11,12	11,15	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
XLMB3X	GlobalFiler™					
	13,14,[18.3]	[17],[18],21,26	11,[12],14	15,15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14,14	[18],21,24,[26]	8,12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],16,16	XX,[Y]	[11],12,12
	[20],22,23			16,23,[27.2],[32.2]	6,6,[7]	8,8
	[15],16,17	[11]			[2]	
XMDJ2Z	PowerPlex® Fusion 6C (STRmix)					
	13,14	18,21,26	11,12,14	15,16,19	8,13	
3e	9,10	13,14,15	14	21,24	8,11,12	9,11,13
	12,17,18,19	13,15,16	29,31.2	16	X,Y	12
	20,22,23	11	11,15	16,23	6	8
	16,17	11				
XMF99J	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

XMPHWA	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	18			
XMR93R	GlobalFiler™ (STRmix)					
	13,14	17,18,21,26	11,12,14	15,16	8,13,14	
	9,10	13,14,15	13,14	21,24	8,12	9,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23	6,7	8
	15,16,17	11		NR		
XMVRTF	Identifiler® Plus					
		(17),(18),21,26		15,15,(16),(19)	8,13	
	(7),9,10,(12)	(13),14,15			8,(11),12	9,(11),(12),13
	(12),(17),18,19	13,(15),16	29,31.2		X,X,(Y)	(11),12,12
	(20),22,23				6,6,(7)	8,8
	(15),16,17					
XRKA67	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
XRMYPB	PowerPlex® Fusion 5C					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,15,[16],[19]	8,13,[14]	
	[7],9,10,[12]	[13],14,15	[13],14,14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16,16	X,X,[X,Y]	[11],12,12
	[20],22,23	[10],11,11,[12]	11,15,[18]		6,6,[7]	8,8
	[15],16,17	[11]				
XTFVXX	PowerPlex® Fusion (STRMix)					
	13,14	21,26	11,14	15	8,13	
	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17	INC				
XTK4BR	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	11		2		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

XTNJPD	PowerPlex® Fusion 6C (STRMix)					
	13,14,18.3	18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	17,18,19	13,15,16	29,31.2	11,16	X,Y	12
	20,22,23	10,11	11,15	16,23,27.2,32.2	6,7	8
	15,16,17	11	17			
XV62F9	PowerPlex® Fusion 6C					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
XVQNZC	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
XW48W4	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
XXFUG3	PowerPlex® Fusion 6C (STRmix)					
	13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	10,11	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
XZLF9A	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24	8,11,12	9,11,13
	12,17,18,19	13,16	29,31.2	11,16	X,Y	12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
Y3KVDQ	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	10,11,14	14,15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	20,21,22,23			16,23,27.2,32.2	6,7	7,8
	15,16,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

Y69PUR	GlobalFiler™					
	[12],13,14,[18.3]	[17,18],21,26	11,[12],14	15,[16,18,19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11,12],13
	[12,17],18,19	13,[15],16	29,31.2	[11,15],16	X,Y	[11],12
	[20],22,23			16,23,[27.2,32.2]	6,[7]	8
	[15],16,17	[11]			[2]	
Y7YXTU	Identifiler® Plus					
		17,18,21,26		15,16,19	8,13,14	
3e	7,9,10,12	13,14,15			8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2		X,Y	11,12
	20,22,23				6,7	8
	15,16,17					
Y9QTF4	GlobalFiler™ (STRmix)					
	12,13,14	17,18,21,26	11,14	15,16	8,13,14	
3e	9,10,12	13,14,15	13,14	21,24	8,11,12	9,12,13
	12,18,19	13,15,16	29,31.2	15,16	X,Y	11,12
	20,22,23			16,23	6,7	8
	15,16,17	11			2	
YA3JRT	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
3e	9,10	14,15	14	21,24	8,12	9,12,13
	17,18,19	13,15,16	29,31.2	16	X	11,12
	22,23	11,12	11,15,18	16,23,27.2	6	8
	16,17		17			
YBVGXE	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
YCDG6B	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
YF7JZA	PowerPlex® 5C					
	13,14	(17,18),21,26	11,(12),14	15,(16,19)	8,13,(14)	
3e	(7),9,10,(12)	(13),14,15	(13),14	(18),21,24,(26)	8,(11),12	9,(11,12),13
	(12,17),18,19	13,(15),16	29,31.2	16	X,(Y)	(11),12
	(20),22,23	11,(12)	11,15		6,(7)	8
	(15),16,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

YFBM32	GlobalFiler™					
	13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],18,19	13,[15],16	29,31.2	[11],16	X,Y	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	[11]			[2]	
YFUNTA	PowerPlex® 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
YJCQV9	GlobalFiler™					
	13,14	21,26	11,14	15,16,19	8,13	
3e	7,9,10	14,15	13,14	21,24	8,11,12	9,13
	18,19	13,16	29,31.2	16	X,Y	11,12
	20,22,23			16,23,32.2	6	8
	16,17	11				
YJR8NG	PowerPlex® Fusion 6C					
	[12],13,14	[17],21,26	11,[12],14	15,[16,19]	8,13,[14]	
3e	9,10,[12]	[13],14,15	14	[18],21,24,[26]	8,12	9,[11,12],13
	[12,17],18,19	13,[15],16	29,31.2	16	X	[11],12
	[20],22,23	[10],11	11,15,[18]	16,23,[27.2,32.2]	6	8
	16,17	[11]	[17]			
YK6LCP	Investigator® 24plex (STRmix)					
	12,13,14	17,18,21,26	10,11,12,13,14	14,15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	20,21,22,23			16,23,27.2,32.2	6,7	7,8
	15,16,17	11				
YNJE8P	GlobalFiler™ (STRmix V2.5)					
	12,13,14,18.3	17,18,21,25,26	11,12,14	15,16	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24	8,11,12	9,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
YQAPXH	GlobalFiler™ (STRmix)					
	13,14,18.3	17,18,21,26	11,12,14	15,19	8,13	
3e	7,9,10,12	14,15	14	18,21,24,26	8,11,12	9,11,13
	12,17,18,19	13,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2	6	8
	15,16,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

YR3HT2	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
YTDF7H	Investigator® 24plex (STRmix)					
	12,13,14	17,21,26	11,12,14	14,15,16	8,13,14	
3e	9,10	14,15	13,14	18,21,24	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	15,16	X,Y	11,12
	22,23			16,23,32.2	6,7	8
	15,16,17					
YUTQ7B	PowerPlex® Fusion 6c (strmix)					
	13,14,18.3	18,21,26	11,12,14	15,16	8,13,14	
3e	9,10,12	13,14,15	14	18,21,24	8,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	15,16	X,Y	11,12
	20,22,23	11	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11				
YXVD2Z	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,21,26	10,11,12,14	14,15,16	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	28,29,30.2,31.2	11,16	X,Y	12
	20,22,23	10,11	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
ZBUNY7	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
ZC6LCN	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	10,11,12,13,14	14,15,16,19	8,12,13,14	
3e	7,9,10,12	13,14,15,16	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	20,21,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11				
ZCBV9U	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,15,[16],[19]	8,13,[14]	N/A
3e	[7],9,10,[12]	[13],14,15	[13],14,14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],18,19	13,[15],16	29,31.2	[11],16,16	XX,[Y]	[11],12,12
	[20],22,23	N/A	N/A	16,23,[32.2]	6,6,[7]	8,8
	16,17	[11]	N/A	N/A	[2]	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

ZEUZV7	PowerPlex® Fusion 6C (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18		
ZEV RTE	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
ZKKA66	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
3e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
ZMKPAL	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
ZN4EMZ	GlobalFiler™ (STRMIX)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
ZPWBCU	GlobalFiler™					
	12,13,14,18.3	17,18,21,25,26	11,12,14	15,16,18,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	16,17	11			2	
ZQP9HF	PowerPlex® ESI17/ESX17					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19		
3e		13,14,15	14	18,21,24,26		9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	
	20,22,23			16,23,27.2,32.2	6,7	
	15,16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3e - STR Results

ZWFJRD	GlobalFiler™ (STRmix v2.4)					
	12,13,14,18.3	17,18,20,21,25,26	10,11,12,13,14	14,15,16,19	8,12,13,14	
3e	7,8,9,10,12	13,14,15	13,14	18,20,21,23,24,26	8,11,12	9,11,12,13
	12,17,18,19	12,13,15,16	28,29,30.2,31.2	11,15,16,17	X,Y	11,12
	20,21,22,23			16,23,27.2,32.2	5,6	8
	15,16,17	11			2	
ZWXM9Q	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,[11],12	9,[11],[12],13
	[12],[17],18,19	13,[15],16	29,31.2	[11],[15],16	X,[Y]	[11],12
	[20],22,23			16,23,[27.2],[32.2]	6,[7]	8
	16,17	[11]			[2]	
ZXPJYV	GlobalFiler™					
	[12],13,14,[18.3]	[17],[18],21,26	11,[12],14	15,[16],[19]	8,13,[14]	
3e	[7],9,10,[12]	[13],14,15	[13],14	[18],21,24,[26]	8,11,12	9,[11],[12],13
	[12],[17],18,19	13,15,16	29,31.2	[11],[15],16	X,[Y]	[11],12
	20,22,23			16,23,[27.2],[32.2]	6,[7]	8
	[15],16,17	[11]			[2]	
ZY2HRU	GlobalFiler™					
	13,14,[18.3]	[17],[18],21,26	11,[12],14	15,15,[16],[19]	8,13,[14]	N/A
3e	[7],9,10,[12]	14,15	[13],14,14	[18],21,24,[26]	8,12	9,[11],[12],13
	[12],18,19	13,[15],16	29,31.2	16,16	X,X,[Y]	[11],12,12
	[20],22,23	N/A	N/A	16,23,[27.2],[32.2]	6,6,[7]	8,8
	[15],16,17	[11]	N/A	N/A	[2]	
ZYGQU3	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3e	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

2278RG	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
23EPHZ	PowerPlex® Fusion 6C (STRmix)					
	12,13,18.3	17,18	11,12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,24,26	11,12	11,12
	12,17,18	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
24DG69	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
27FN27	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
286YRY	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
2AWVMK	Investigator® 24plex QS					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
2DVF34	PowerPlex® Fusion 5C and 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

2DWZGR	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
2E7DFK	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19,(20)	13,14	
3sp	7,12	13,14	13,14	18,(25),26	11,12	11,12,(13)
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17	11				
2EP78H	GlobalFiler™ (STRmix version 2.4)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
2F4HFN	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
2F8XUA	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
2HNFK6	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,10,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
2JZB6C	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

2KX868	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
2PQF7T	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
2UKA4U	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
2WD7TN	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
2YFDLZ	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
2YYWUT	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
2ZAWQM	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

34496J	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
34M6J6	Investigator® 24plex QS					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
36GMTT	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
36XY9D	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
37BLTD	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	8,11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
3B7D2A	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
3CKMVCV	PowerPlex® Fusion 6C (Lab Retriever)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

3FC6YL	GlobalFiler™ Amplification kit					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
3NANMB	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
3NUEMH	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	-
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	-	-	27.2,32.2	6,7	8,8
	15,17	11	-	-	2	
3TJQN7	GlobalFiler™					
	12,[13,14],18.3	17,18,[21,26]	[11],12,14	[15],16,19	13,14	
3sp	7,[10],12	13,14,[15]	13,14	18,[21,24],26	11,12	[9],11,12
	12,17,[18,19]	13,15,[16]	[29],31.2	11,15,[16]	X,Y	11,[12]
	20,[22],23			[16],27.2,32.2	6,7	8
	15,[16],17	11			2	
3VQ2MV	GlobalFiler™					
	12,[13],[14],18.3	17,18,[21],[26]	[11],12,14	[15],16,19	[8],13,14	
3sp	7,[9],[10],12	13,14,[15]	13,14	18,[21],[24],26	[8],11,12	[9],11,12,[13]
	12,17,[18],[19]	13,15,[16]	[29],31.2	11,15,[16]	X,Y	11,[12]
	20,[22],23			[16],[23],27.2,32.2	6,7	8
	15,[16],17	11			2	
3YUZXM	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	[15],16,19	13,14	
3sp	7,12	13,14	13,14	18,[25],26	11,12	11,12
	12,17	13,15	31.2	11,15,[16]	X,Y	11
	20,23	10,[11],12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
44HUG7	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	N/A
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	N/A	N/A	27.2,32.2	6,7	8,8
	15,17	11	N/A	N/A	N/A	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

44KKMP	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
47LU9Q	Identifiler® Plus					
		17,18		16,19	13,14	
3sp	7,12	13,14			11,12	11,12
	12,17	13,15	31.2		X,Y	11
	20,23				6,7	8
	15,17					
48J8UX	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
48KVG4	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
49EQXK	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
49T8Y6	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
4AA2YF	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

4ARBQV	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
4BYFHX	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
4EZGKF	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
4FYL2A	GlobalFiler™ (STRmix)					
	12,18.3	16,17,18	11,12,13,14	15,16,18,19	12,13,14	
3sp	6,7,11,12	12,13,14	12,13,14	17,18,24,25,26	10,11,12	10,11,12
	11,12,16,17,18	12,13,14,15	30.2,31.2	10,11,14,15,16	X,Y	10,11
	19,20,22,23			27.2,32.2	5,6,7	7,8
	14,15,16,17	11			2	
4JCGPK	GlobalFiler™ (STRmix 2.5)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
4K79VY	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
4K8ACQ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

4MVLBV	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
4N7K8Q	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
4PYGUY	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
4R9CP4	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
4T4Z4T	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
4UWXAE	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
4XCJ47	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

64D2UH	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
66ADVD	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
67JH92	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
6A68TE	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
6AKHBJ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
6D4DEC	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
6D4MXV	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

6DKU8J	GlobalFiler™					
	12,18.3	17,18	12,14	16,19,[20]	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2,[33.2]	6,7	8
	15,17	11			2	
6F7K9N	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
6G4XTV	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	9,11,12
	12,17,19	13,15	31.2	11,15	X,Y	11
	20,23			16,27.2,32.2	6,7	8
	15,17	11			2	
6K387H	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
6KFNB	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
6LU94U	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
6M8VMT	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

6QWWW3	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
6R6ABJ	GlobalFiler™ (STRmix 2.5v)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
6RKHDR	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
6TY373	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
6WZ49K	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
74V7AV	GlobalFiler™					
	12,18.3,[-]	17,18,[21],[-]	[11],12,14	[15],16,19	13,14,[-]	
3sp	7,12,[-]	13,14,[-]	13,14	18,[24],26,[-]	[8],11,12	11,12,[-]
	12,17,[18],[-]	13,15,[16]	31.2,[-]	11,15,[16]	X,Y	11,[12]
	20,23,[-]			27.2,32.2,[-]	6,7	8
	15,17,[-]	11			2	
79TMMP	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,24,26	8,11,12	9,11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

7C7HBZ	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
7CTXHP	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
7GE2Y8	GlobalFiler™ (STRMix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
7GJ9TN	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,18,19	13,14	
3sp	7,12	13,14,15	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
7GZNV	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
7HC7XA	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
7HGHL7	Investigator® 24plex QS (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

7MRQT2	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
7R4UJ4	PowerPlex® Fusion (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
7RKVKK	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
7RZ2XP	Identifiler® Plus					
		17,18		16,19	13,14	
3sp	7,12	13,14			11,12	11,12
	12,17	13,15	31.2		X,Y	11
	20,23				6,7	8
	15,17					
7U98JQ	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18	12,14	15,16,19	8,13,14	
3sp	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,17	11			2	
7X9FNZ	PowerPlex® 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
7XNY8X	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

7XQB8M	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
7Z9VRH	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
84R6KF	Investigator® 24plex (STRmix)					
	11,12,17.3,18.3	16,17,18	11,12,13,14	15,16,18,19	12,13,14	
3sp	7,11,12	12,13,14	12,13,14	17,18,24,25,26	10,11,12	10,11,12
	11,12,16,17	12,13,14,15	30.2,31.2	11,14,15,16	X,Y	10,11,12
	19,20,22,23			16,26.2,27.2,31.2,32.2	6,7	8
	14,15,16,17	11				
86KZ2W	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
87GC27	GlobalFiler™ (STRmix v.2.4)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
88M7CW	PowerPlex® Fusion 6C (LabRetriever)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
88QLRH	PowerPlex® 6C					
	12,[13],18.3	17,18,[21,26]	12,14	16,19	13,14	
3sp	7,[9,10],12	13,14	13,14	18,[21,24],26	[8],11,12	[9],11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,[11],12	11,[15],18	[16,23],27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

8CJGXW	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
8EBCLQ	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
8FKLAG	Investigator® 24plex (STRmix)					
	11,12,13,14,17.3,18 .3	16,17,18,21	11,12,14	15,16,18,19	8,12,13,14	
3sp	7,9,11,12	12,13,14,15	12,13,14	17,18,21,25,26	8,11,12	9,10,11,12
	11,12,16,17,19	12,13,14,15,16	30.2,31.2	11,15	X,Y	10,11,12
	20,22,23			23,26.2,27.2,31.2,3 2.2	6,7	7,8
	14,15,16,17	11				
8FLE9N	GlobalFiler™ (STRmix)					
	12,18.3	17,18,21	12,14	16,19	8,13,14	
3sp	7,10,12	13,14	13,14	18,21,24,26	8,11,12	11,12
	12,17	13,15	29,31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
8GB2BC	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
8GDM8R	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
8GEBWH	GlobalFiler™					
	12,18.3	17,18	[11],12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

8GECDA	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17	11				
8GZQ49	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
8LDNHM	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
8NGJ2P	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
8Q3B6F	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,[18],19	13,14	
3sp	7,12	13,14	13,14	18,[25],26	11,12	[9],11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17	11				
8UKJE2	GlobalFiler™ (STRmix)					
	12,[13],18.3	17,18,[26]	12,14	16,19	13,14	
3sp	7,12	13,14,[15]	13,14	18,26	11,12	11,12
	12,17,[18]	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
8VVJ4F	GlobalFiler™ PCR Amplification Kit					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

8YBRRF	GlobalFiler™ (STRMix)					
	12,18.3	17,18	11,12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11,12
	20,23			27.2,32.2	6,7	8
	15,16,17	11			2	
97P49D	Investigator® 24plex (STRMix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
97UHLE	PowerPlex® Fusion 6C (STRmix)					
	12,[13],[14],18.3	17,18,[21],[26]	[11],12,14	[15],16,19	[8],13,14	
3sp	7,[9],[10],12	13,14,[15]	13,14	18,[21],[24],26	[8],11,12	[9],11,12,[13]
	12,17,[18],[19]	13,15,[16]	[29],31.2	11,15,[16]	X,Y	11,[12]
	20,23	10,[11],12	11,[15],18	[16],[23],27.2,32.2	6,7	8
	15,17	11	17	18		
99DM8P	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
99YX8Y	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
9FFMTD	GlobalFiler™ (STRmix v2.5)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
9FJ39Y	Investigator® 24plex QS					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

9GAEH6	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
9HZKYV	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
9K9NT8	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
9K9QKW	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
9KAL43	Investigator® 24plex QS (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
9L2L2D	GlobalFiler™					
	12,13,18.3	17,18	11,12,14	15,16,19	8,13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11,12
	20,23			23,27.2,32.2	6,7	8
	15,16,17	11			2	
9LKGHE	GlobalFiler™ PCR Amplification Kit					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

9MUEWW	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
9NQZJV	PowerPlex® 16 HS					
				16,19	13,14	
3sp	7,10,12	13,14,15			11,12	9,11,12,13
	12,17		31.2		X,Y	11,12
	20,23	10,12	11,15,18		6,7	8
	15,17					
9PZZLH	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
9Y9GC3	Investigator® 24plex QS					
	12,18.3	17,18	12,14	16,19	13,14	N/A
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	N/A	N/A	27.2,32.2	6,7	8,8
	15,17	11	N/A	N/A	N/A	
9Z3B46	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	-
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	-	-	27.2,32.2	6,7	8
	15,17	11	-	-	2	
A6BWMW	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
A6UR6X	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

A7PB9K	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,7	11			2	
A7R4UY	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
A9T8BZ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
ACXPYV	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
ADAL4Z	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
AE2L2B	PowerPlex® Fusion 5C					
	12,18.3	17,[18]	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,[26]	11,12	11,12
	12,17	13,15	31.2	[11],15	X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17	11				
AEYWWT	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

AFYLTW	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
AMCJCA	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
AMF42X	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
AMF7TN	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
AN7ETQ	GlobalFiler™					
	12,[13],18.3	17,18,[21],[26]	12,14	[15],16,19	13,14	
3sp	7,12	13,14	13,14	18,[24],26	11,12	11,12,[13]
	12,17	13,15	31.2	11,15,[16]	X,Y	11
	20,23			[16],27.2,32.2	6,7	8
	15,[16],17	11			2	
AQCU9A	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
AQYFKZ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

AVQRDB	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	N/A
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	N/A	N/A	27.2,32.2	6,7	8,8
	15,17	11	N/A	N/A	N/A	
AWM4F7	GlobalFiler™					
	12,18.3	17,18,21	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,21,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
AWMWFY	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
AXV3NT	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
B4JD6V	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
B6QJFB	PowerPlex® Fusion 5C					
	12,18.3	17,[18]	12,14	[15],16,19	13,14	
3sp	7,[12]	13,14,[15]	13,14	18,[25],26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,[7]	8
	15,17	11				
B73ARZ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

B9ARPV	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
BA4F4K	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
BCMJQW	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
BDJ4BB	GlobalFiler™ (STRmix)					
	12,14,18.3	17,18	12,14	16,19	8,13,14	
3sp	7,9,10,12	13,14	13,14	18,21,24,26	8,11,12	11,12
	12,17	13,15	31.2	11,15,16	X,Y	11
	20,23			16,27.2,32.2	6,7	8
	15,17	11			2	
BJRB2F	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3sp	7,9,10,12	13,14,15	13,14	18,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,27.2,32.2	6,7	8
	15,16,17	11				
BJT7QD	GlobalFiler™ (STRmix v2.5)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
BKLWWR	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

BMVZQ4	PowerPlex® 21					
	12,13,14,18.3	17,18,21,26		15,16,19	8,13,14	12,16,20
3sp	7,9,10,12	13,14,15		18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2		X,Y	11,12
	20,22,23	10,11,12	11,15,18		6,7	8
	15,16,17					
BUAVLC	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
BUAZVE	PowerPlex® Fusion 6C					
	12,18.3	17,18,[26]	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,[24],[25],26	11,12	[9],11,12
	12,17,[19]	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
BWGDJ8	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
BYZA7C	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
BZWL88	Investigator® 24plex (STR Mix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
C2KLHM	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

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

Item 3sp - STR Results

C2LBN6	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
C4P789	PowerPlex® Fusion 5c					
	12,18.3	17,18	12,14	16,[18],19	13,14	
3sp	7,12	13,14,[15]	13,14	18,[25],26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17	11				
C6QPMW	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
CAYC2T	PowerPlex® Fusion 5C					
	12,[13],[14],18.3	17,18,[21],[26]	[11],12,14	[15],16,19	[8],13,14	
3sp	7,[9],[10],12	13,14,[15]	13,14	18,[21],[24],26	[8],11,12	[9],11,12,[13]
	12,17,[18],[19]	13,15,[16]	[29],31.2	11,15,[16]	X,Y	11,[12]
	20,[22],23	10,[11],12	11,[15],18		6,7	8
	15,[16],17	11				
CBFEYU	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
CC38JB	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
CC8BMN	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

CGJG4U	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
CHAJRV	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
CJNZWW	Investigator® 24plex QS					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
CTVNYU	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
CU6KGT	PowerPlex® Fusion 6C					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	NOT TESTED
3sp	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18	NOT TESTED	
CU9BJU	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
CVDWXU	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

CVK2HD	PowerPlex® 5C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17	11				
CVMKNN	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
CYNNHW	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
CZW69F	Investigator® 24plex (STRmix)					
	11,12,13,17.3,18.3	16,17,18,26	11,12,13,14	15,16,18,19	12,13,14	
3sp	7,9,11,12	12,13,14	12,13,14	17,18,24,25,26	10,11,12	10,11,12
	11,12,16,17	12,13,14,15	29,30.2,31.2	11,14,15,16	X,Y	10,11,12
	19,20,22,23			26.2,27.2,31.2,32.2	6,7	7,8
	14,15,16,17	11				
D23M7B	Investigator® 24plex (STRmix)					
	11,12,13,14,17.3,18.3	16,17,18,21	11,12,13,14	15,16,18,19	8,12,13,14	
3sp	7,9,10,12	12,13,14,15	12,13,14	18,21,24,26	8,10,11,12	9,10,11,12,13
	11,12,16,17,18,19	12,13,14,15,16	29,30.2,31.2	11,14,15,16	X,Y	10,11,12
	19,20,22,23			16,26.2,27.2,31.2,32.2	6,7	7,8
	14,15,16,17	11				
D23RER	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
D2JYPF	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,25,26	8,11,12	11,12
	12,17	13,15	31.2	11,15,16	X,Y	11
	20,22,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

D3FEYR	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
D3GC83	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
D49AF9	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,10,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
D6XMR	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
D9XYR7	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
DBRB2D	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
DC39FV	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

DETEVL	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
DF6BZP	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
DGCK3V	Investigator® 24plex					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,21,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
DHUK97	Investigator® 24plex (STRmix V2.406)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
DJZ6XR	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
DLMTAR	PowerPlex® Fusion 5C					
	12,[13],18.3	17,18,[21]	12,14	16,19	[8],13,14	
3sp	7,12	13,14,[15]	13,14	18,[24],26	11,12	[9],11,12,[13]
	12,17	13,15,[16]	[29],31.2	11,15,[16]	X,Y	11
	[20],23	10,12	11,18		6,7	8
	15,[16],17	11				
DLMXH9	PowerPlex® Fusion, Fusion 6C					
	12,18.3	17,18	[11],12,14	16,19	[8],13,14	NT
3sp	7,[10],12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15,[16]	X,Y	11
	20,23	10,12	11,[15],18	[16],27.2,32.2	6,7	8
	15,17	11	17	18	NT	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

DLPJGA	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,[17],19	13,14	
3sp	7,12	13,14	13,14	18,[25],26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17	11				
DNGE64	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
DTAJWM	GlobalFiler™					
	12,18.3	17,18,[26]	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
DTB936	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
DU46PD	Identifiler® Plus					
		17,18		16,19	13,14	
3sp	7,12	13,14			11,12	11,12
	12,17	13,15	31.2		X,Y	11
	20,23				6,7	8
	15,17					
DU8XCR	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
DVGPHN	Investigator® 24plex QS (TrueAllele)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

DX798R	GlobalFiler™ (STRMIX)					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17,18	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11		2		
E2HFAR	GlobalFiler™					
	12,[13],18.3	17,18	[11],12,14	[15],16,19	13,14	NT
	7,12	13,14,[15]	13,14	18,[24],26	[8],11,12	11,12
	12,17	13,15,[16]	[29],31.2	11,15,[16]	X,Y	11,[12]
	20,23	NT	NT	27.2,32.2	6,7	8
	15,17	11	NT	2		
E6WCFT	Identifiler® Plus					
		17,18		16,19	13,14	
	7,12	13,14			11,12	11,12
	12,17	13,15	31.2		X,Y	11,11
	20,23				6,7	8,8
	15,17					
E7W4WA	Investigator® 24plex (STRmix)					
	11,12,13,14,17.3,18.3	16,17,18	11,12,14	15,16,18,19	12,13,14	
	7,12	12,13,14	12,13,14	17,18,24,25,26	10,11,12	9,10,11,12
	11,12,16,17,18,19	12,13,14,15	30.2,31.2	11,15	X,Y	10,11
	20,22,23			26.2,27.2,31.2,32.2	6,7	7,8
	14,15,16,17	11				
E8636X	Investigator® 24plex QS					
	12,18.3	17,18	12,14	16,19	13,14	N/A
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	N/A	N/A	27.2,32.2	6,7	8,8
	15,17	11,11	N/A	N/A	N/A	
E86B2N	PowerPlex® Fusion5C (STRMIX)					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17	11				
E8MACZ	Identifiler® Plus					
		17,18		16,19	13,14	
	7,12	13,14			11,12	11,12,(13)
	12,17	13,15	31.2,31.2		X,Y	11,11
	20,23				6,7	8,8
	15,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

E9GZFU	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
EB4PND	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
EB7AKT	Investigator® 24plex QS					
	12,18.3	17,18	12,14	15,16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
EC2ZHV	Investigator® 24plex (STRmix)					
	12,18.3	17,18	11,12,14	15,16,19	13,14	
3sp	7,12	13,14,15	12,13,14	18,25,26	11,12	10,11,12
	12,17	12,13,14,15,16	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,16,17	11				
EDTZF7	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,[25],26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18,[19]		6,7	8,8
	15,17	11				
EEMTBP	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
EFYJLE	GlobalFiler™ (STRmix)					
	12,18.3	17,18,21	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

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

Item 3sp - STR Results

EGQNUR	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
EGRGRZ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
EHQFB9	PowerPlex® Fusion 6C (STRmix)					
	12,(13),(14),18.3	17,18,(21),(26)	(11),12,14	(15),16,19	(8),13,14	
3sp	7,(9),(10),12	13,14,(15)	13,14	18,(21),(24),26	(8),11,12	(9),11,12,(13)
	12,17,(18),(19)	13,15,(16)	(29),31.2	11,15,(16)	X,Y	11,(12)
	20,23	10,(11),12	11,(15),18	(16),(23),27.2,32.2	6,7	8
	15,(16),17	11	17	18		
EKAJWK	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
EMKA9A	GlobalFiler™ (STRmix 2.5v)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
EP2TY7	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
ETQ2JT	PowerPlex® ESX16 Fast					
	12,18.3	17,18	12,14	16,19		
3sp		13,14	13,14	18,26		11,12
	12,17	13,15	31.2	11,15	X,Y	
	20,23				6,7	
	15,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

EV8JAN	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
EYDZP8	Investigator® 24plex (STRMix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
F3BRJP	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
F4N77Y	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
F6EAVZ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
F6ECMP	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
F6UN6V	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

F7BP7C	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3sp	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11				
F8Z688	PowerPlex® Fusion 5C, Fusion 6C					
	12,[13],18.3	17,18	12,14	16,19	[8],13,14	
3sp	7,[10],12	13,14	13,14	18,[24],26	[8],11,12	[9],11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,[11],12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
FA7LMP	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
FBXUHC	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
FD8K8G	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
FDCWTR	Investigator® 24plex QS (Strmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
FECJRN	PowerPlex® Fusion 6C					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	Not tested
3sp	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18	Not tested	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

FEHNDR	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	-
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	-	-	27.2,32.2	6,7	8
	15,17	11	-	-	2	
FFBKZZ	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
FG9UTH	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
FHN39X	PowerPlex® 21 (STRmix)					
	12,18.3	17,18		16,19	13,14	12,20
3sp	7,12	13,14		18,26	11,12	11,12
	12,17	13,15	31.2,31.2		X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17					
FKBLAV	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
FKQ2JQ	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	11,12,14	15,16,19	13,14	
3sp	7,12	13,14	13,14	18,24,26	11,12	11,12
	12,17	13,15	31.2	11,15,16	X,Y	11
	20,22,23	10,12	11,18	27.2,32.2	6,7	8
	15,16,17	11	17	18		
FQT2R8	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,[18],19	13,14	
3sp	7,12	13,14	13,14	18,[25],26	11,12	11,12,[13]
	12,17	13,15	31.2,31.2	11,15,[16]	X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17	11				

TABLE 2

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

Item 3sp - STR Results

FRQCLP	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
FUVUJ	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
FW3DTE	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
FW6XPU	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
FWGNMD	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
FYLGEGQ	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
G67WHN	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

G72G7M	PowerPlex® Fusion 6C					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	Not Tested
3sp	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2	6,7	8
	15,16,17	11	17	18	Not Tested	
G78K9E	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	NA
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	NA	NA	27.2,32.2	6,7	8,8
	15,17	11	NA	NA	2	
G8ZHEZ	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
GBWB4N	PowerPlex® Fusion 5C					
	12,[13],[14],18.3	17,18,[21],[26]	[11],12,14	[15],16,19	[8],13,14	
3sp	7,[9],[10],12	13,14,[15]	13,14	18,[21],[24],26	[8],11,12	[9],11,12,[13]
	12,17,[18],[19]	13,15,[16]	[29],31.2	11,15,[16]	X,Y	11,[12]
	20,[22],23	10,[11],12	11,[15],18		6,7	8
	15,17	11				
GEWHNL	PowerPlex® ESI FAST 16					
	12,18.3	17,18	12,14	16,19		
3sp		13,14	13,14	18,26		11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	
	20,23				6,7	
	15,17					
GF8GKF	PowerPlex® Fusion (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17	INC				
GJRAWH	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

GK6WGH	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
GMVWG	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
GPGUUW	PowerPlex® 21 (STRmix)					
	12,13,14,18.3	17,18,21,26		15,16,19	8,13,14	12,16,20
3sp	7,9,10,12	13,14,15		18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2		X,Y	11,12
	20,22,23	10,11,12	11,15,18		6,7	8
	15,16,17					
GTGV99	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3sp	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11				
GVFDXM	GlobalFiler™ (BulletProof)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
GVKTBN	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
GYLRUU	Investigator® 24plex (STRmix)					
	11,12,13,14,17.3,18	17,18,21,26	11,12,13,14	15,16,18,19	8,13,14	
3sp	7,9,10,12	12,13,14,15	12,13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,14,15,16	29,30.2,31.2	11,14,15,16	X,Y	10,11,12
	19,20,22,23			16,23,27.2,32.2	6,7	8
	14,15,16,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

GZDRR6	Identifiler® Plus					
		17,18		16,19	13,14	
3sp	7,12	13,14			11,12	11,12
	12,17	13,15	31.2,31.2		X,Y	11,11
	20,23				6,7	8,8
	15,17					
H4V6CR	Investigator® 24plex (STRmix)					
	11,12,13,17.3,18.3	16,17,18,26	11,12,13,14	15,16,18,19,20	12,13,14	
3sp	7,11,12	12,13,14,15	12,13,14	17,18,24,25,26	10,11,12	10,11,12
	11,12,16,17	12,13,14,15	29,30.2,31.2	11,14,15,16	X,Y	10,11
	19,20,22,23			26.2,27.2,31.2,32.2	6,7	7,8
	14,15,16,17	11				
H4XUHB	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
H6N6A4	PowerPlex® Fusion 5C					
	12,[13],[14],18.3	17,18,[26]	[11],12,14	[15],16,19	13,14	
3sp	7,[9],[10],12	13,14,[15]	13,14	18,[21],26	11,12	[9],11,12,[13]
	12,17,[18],[19]	13,15,[16]	[29],31.2,31.2	11,15,[16]	X,Y	11,11,[12]
	20,[22],23	10,[11],12	11,[15],18		6,7	8,8
	15,[16],17	11				
H7Y67X	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
HAYF2X	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
HBY7GT	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

HCPDWJ	PowerPlex® Fusion 6C (Lab Retriever)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,10,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
HJKGH8	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,[24],26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
HKYTC7	GlobalFiler™ PCR Amplification Kit					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
HNPY8N	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
HQNJM8	Investigator® 24plex QS (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
HTCZWF	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,[25],26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
HTEFHT	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

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

Item 3sp - STR Results

HTQGZX	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
HUK3QR	Investigator® 24plex (STRmix)					
	12,13,18.3	17,18,26	11,12,14	15,16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	9,11,12
	12,17	13,15,16	31.2	11,15	X,Y	11
	20,23			23,27.2,32.2	6,7	8
	15,17	11				
HUMTWA	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
HXPPD4	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
HZAR6A	Identifiler® Plus					
		17,18		16,19	13,14	
3sp	7,12	13,14			11,12	11,12
	12,17	13,15	31.2		X,Y	11
	20,23				6,7	8
	15,17					
J2MCXJ	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
J3A6G2	GlobalFiler™ (STRmix 2.4)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

J4TWM6	GlobalFiler™ (STRmix 2.5v)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
J68ENP	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
J6H9DX	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
J79FD2	GlobalFiler™ (STRmix v2.4.06)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
J7C2AG	GlobalFiler™					
	12,13,14,18.3	17,18,[21],[26]	11,12,14	15,16,19	8,13,14	
3sp	7,[9],[10],12	13,14,[15]	13,14	18,21,24,26	8,11,12	[9],11,12,[13]
	12,17,18,19	13,15,[16]	[29],31.2	11,15,16	X,Y	11,[12]
	20,[22],23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
J8T9GJ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
J9E23M	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

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

Item 3sp - STR Results

J9JC87	Investigator® 24plex (STRmix)					
	11,12,13,17.3,18.3	16,17,18	11,12,14	15,16,18,19	12,13,14	
3sp	7,10,11,12	12,13,14,15	12,13,14	18,21,24,25,26	8,11,12	11,12,13
	11,12,16,17,18	12,13,14,15	30.2,31.2	11,14,15,16	X,Y	10,11,12
	19,20,22,23			16,26.2,27.2,31.2,32.2	6,7	8
	14,15,16,17	11				
J9ZKYL	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
JADX2W	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
JBCZTM	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
JBPYG4	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
JC7V94	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
JETM7R	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

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

Item 3sp - STR Results

JL9BY9	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3sp	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11				
JLA4WF	GlobalFiler™					
	12,[13],[14],18.3	17,18,[21],[26]	[11],12,14	[15],16,19	[8],13,14	
3sp	7,[9],[10],12	13,14,[15]	13,14	18,[21],[24],26	[8],11,12	[9],11,12,[13]
	12,17,[18],[--]	13,15,[16]	[29],31.2	11,15,[16]	X,Y	11,[12]
	20,23,[--]			[16],[23],27.2,32.2	6,7	8
	15,17,[--]	11			2	
JLDNL6	GlobalFiler™ (STRMix 2.5v)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
JNERDR	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
JNVR9G	GlobalFiler™					
	12,[13],18.3	17,18,[21],[26]	12,14	[15],16,19	13,14	
3sp	7,[9],12	13,14	13,14	18,26	11,12	11,12
	12,17,[18],[19]	13,15	31.2	11,15	X,Y	11
	20,23			[23],27.2,32.2	6,7	8
	15,17	11			2	
JZTLR6	GlobalFiler™ (STRmix v2.5)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
K2MMCM	Identifiler® Plus, PowerPlex® Fusion 6C					
	12,[13],18.3	17,18,[21],[26]	12,14	[15],16,19	13,14	
3sp	7,12	13,14,[15]	13,14	18,[21],[24],26	11,12	[9],11,12,[13]
	12,17,[18],[19]	13,15,[16]	[29],31.2	11,15,[16]	X,Y	11,[12]
	20,[22],23	10,[11],12	11,18	[23],27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

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

Item 3sp - STR Results

K3T9P2	GlobalFiler™ (STRmix v2.4)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
K4463J	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
K4KCBL	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
K786U4	GlobalFiler™ PCR Amplification Kit					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
K8MBLE	GlobalFiler™					
	12,[13],18.3,[-]	17,18,[-]	[11],12,14,[-]	16,19,[-]	13,14,[-]	
3sp	7,12,[-]	13,14,[15,-]	13,14,[-]	18,26,[-]	11,12,[-]	11,12,[-]
	12,17,[18,-]	13,15,[-]	31.2,[-]	11,15,[-]	X,Y	11,[-]
	20,23,[-]			[16],27.2,32.2,[-]	6,7,[-]	8,[-]
	15,17,[-]	11 [-]			2 [-]	
K92H8V	GlobalFiler™ (STRMIX)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
K9F79M	Investigator® 24plex QS (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

K9X3RA	PowerPlex® Fusion 6C, GlobalFiler™ (GeneMapper ID-X Software)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18	2	
KA96FU	Identifiler® Plus					
		17,18		16,19	13,14	
3sp	7,12	13,14			11,12	11,12
	12,17	13,15	31.2,31.2		X,Y	11,11
	20,23				6,7	8,8
	15,17					
KBLRX9	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
KDDNM3	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18,[21]	12,14	[15],16,19	13,14	
3sp	7,[10],12	13,14	13,14	18,[21],[24],26	11,12	11,12
	12,17,[18]	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
KE3YDV	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
KFVR9E	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
KH8LV7	Investigator® 24plex (STRmix)					
	11,12,17.3,18.3	17,18	11,12,14	15,16,18,19	12,13,14	
3sp	7,12	12,13,14	12,13,14	17,18,24,25,26	10,11,12	10,11,12
	12,16,17	12,13,14,15	30.2,31.2	11,14,15,16	X,Y	10,11,12
	20,22,23			26.2,27.2,31.2,32.2	6,7	8
	14,15,16,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

KJW2W2	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
KJYMRG	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
KKU7W4	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
KLQGXY	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
KN9XQ4	Investigator® 24plex (STRMix)					
	11,12,17.3,18.3	16,17,18,26	11,12,13,14	15,16,18,19	12,13,14	
3sp	7,11,12	12,13,14	12,13,14	18,21,24,25,26	10,11,12	10,11,12,13
	11,12,16,17,19	12,13,14,15	30.2,31.2	11,14,15,16	X,Y	10,11,12
	19,20,22,23			26.2,27.2,31.2,32.2	6,7	7,8
	14,15,16,17	11				
KNW3NJ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
KPLDEC	GlobalFiler™					
	12,[13],18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15,[16]	31.2	11,15,[16]	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

KPNXCD	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
KXFH8D	PowerPlex® Fusion 6C (STRMix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
KXH8EW	GlobalFiler™ (STRMix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
L2UFD	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.1,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
L37CHK	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
L6VEWK	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
L8GJ74	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2,[33.2]	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

LA8LV4	Investigator® 24plex QS (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
LD8TG2	GlobalFiler™ (STRmix 2.5)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
LE2JMF	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
LFBBTC	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,[9],12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
LGLDEB	PowerPlex® Fusion (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17	INC				
LGNC7X	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	N/T
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	N/T	N/T	27.2,32.2	6,7	8,8
	15,17	11	N/T	N/T	2	
LK6HX7	PowerPlex® Fusion 6C					
	12,18.3	17,18	[11],12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17,[19]	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

LR4YHJ	PowerPlex® Fusion 5C, 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
LTMMDL	PowerPlex® Fusion 6C (STRMix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
LVB3MT	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
LWJF3A	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
LXE8R2	PowerPlex® Fusion 5C					
	12,[13],[14],18.3	17,18,[21],[26]	[11],12,14	[15],16,19	[8],13,14	
3sp	7,[9],[10],12	13,14,[15]	13,14	18,[21],[24],26	[8],11,12	[9],11,12,[13]
	12,17,[18],[19]	13,15,[16]	[29],31.2,31.2	11,15,[16]	[X,X],X,Y	11,11,[12]
	20,[22],23	10,[11],12	11,[15],18		6,7	8,8
	15,[16],17	11				
LYCBR4	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26,[27]	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
LYQTRN	PowerPlex® Fusion 6C (STRmix)					
	11,12,17.3,18.3	16,17,18	11,12,13,14	15,16,18,19	12,13,14	
3sp	6,7,11,12	12,13,14	12,13,14	17,18,24,25,26	10,11,12	10,11,12
	11,12,16,17	12,13,14,15	30.2,31.2, 32.2	11,14,15,16	X,Y	10,11,12
	19,20,22,23	10,11,12	11,17,18	26.2,27.2, 31.2,32.2	6,7	7,8
	14,15,16,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

M2NPHG	PowerPlex® Fusion 6C					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3sp	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23	10,11,12	11,15,18	16,23,27.2,32.2*	6,7	8
	15,16,17	11	17	18		
M3P9W6	PowerPlex® Fusion 6C					
	12,[13],[14],18.3	17,18,[21],[26]	[11],12,14	[15],16,19	[8],13,14	
3sp	7,[9],[10],12	13,14,[15]	13,14	18,[21],[24],26	[8],11,12	[9],11,12,[13]
	12,17,[18],[19]	13,15	[29],31.2,31.2	11,15,[16]	X,Y	11,11,[12]
	20,[22],23	10,[11],12	11,[15],18	[16],[23],27.2,32.2	6,7	8,8
	15,17	11	17	18		
M6RJH8	Identifiler® Plus					
		17,18		16,19	13,14	
3sp	7,12	13,14			11,12	11,12
	12,17	13,15	31.2		X,Y	11
	20,23				6,7	8
	15,17					
M6WQV2	GlobalFiler™ (STRmix v2.5)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
M8DAKW	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
M8GPZH	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
M8YP7T	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

MDN7HJ	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
MHGFJ6	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
MKLYQD	PowerPlex® Fusion 6C (Lab Retriever)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
MLALU2	GlobalFiler™ PCR Amplification Kit (GeneMapperID-X version 1.4)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
MMVYVK	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
MPCHLG	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
MQB8JK	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

MV3QC3	Investigator® 24plex (STRmix)					
	11,12,14,17.3,18.3	17,18,21,26	11,12,14	15,16,18,19	8,12,13,14	
3sp	7,11,12	12,13,14,15	12,13,14	17,18,24,25,26	10,11,12	11,12,13
	12,16,17,19	12,13,14,15	30.2,31.2	11,14,15,16	X,Y	10,11,12
	19,20,22,23			26.2,27.2,28.2,31.2, 32.2	6,7	7,8
	14,15,16,17	11				
MV4HAA	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
MVXF8H	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
MWR7DX	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
N3KBYE	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
N4WBV9	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
N8VLR9	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

NCMV28	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11		2		
NCR9MH	GlobalFiler™					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8,8
	15,16,17	11		2		
NDFU8T	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11		2		
NKG2TM	Investigator® 24plex QS (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
NMLB36	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11		2		
NN4FL4	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
NNWDQP	GlobalFiler™ (STRmix 2.4)					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11		2		

TABLE 2

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

Item 3sp - STR Results

NQ27J3	Identifiler® Plus					
		17,18		16,19	13,14	
3sp	7,12	13,14			11,12	11,12
	12,17	13,15	31.2		X,Y	11
	20,23				6,7	8
	15,[16],17					
NWC3FP	PowerPlex® 21 (STRmix)					
	12,18.3	17,18		16,19	13,14	12,20
3sp	7,12	13,14		18,26	11,12	11,12
	12,17	13,15	31.2		X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17					
NXNMKT	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
P26E7F	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
P64P3E	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
P7D429	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
P7FT8Q	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

P7UZT8	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
PBQUHW	GlobalFiler™					
	12,18.3	16,17,18,21	11,12,13,14,15	15,16,18,19	12,13,14	
3sp	7,11,12	12,13,14	12,13,14	17,18,25,26	10,11,12	10,11,12
	11,12,16,17	12,13,14,15	30.2,31.2	10,11,14,15,16	X,Y	10,11,12
	19,20,22,23			27.2,28.2,32.2	6,7	7,8
	14,15,16,17	11			2	
PDE34J	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,[26]	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
PMNG2E	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
PN3ZUN	PowerPlex® 21					
	12,18.3	17,18		16,19	13,14	12,20
3sp	7,12	13,14		18,26	11,12	11,12
	12,17	13,15	31.2,31.2		X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17					
PPAAU9	GlobalFiler™ 1910090					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
PQPKVL	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

PTRMEW	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
PUM7HH	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
PVE7FU	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
Q3V2WN	Identifiler® Plus					
		17,18		16,(18),19	13,14	
3sp	7,12	13,14			11,12	11,12
	12,17	13,15	31.2,31.2		X,Y	11,11
	20,23				6,7	8,8
	15,17					
Q4PR33	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
Q646TK	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
Q878DF	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

QA99ED	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
QCJXV4	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
QCZ437	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
QDDHNV	PowerPlex® Fusion 5C					
	12,[13],[14],18.3	17,18,[21],[26]	[11],12,14	[15],16,[18],19	[8],13,14	
3sp	7,[10],12	13,14,[15]	13,14	18,[21],[24],[25],26	[8],11,12	[9],11,12,[13]
	12,17,[18]	13,15,[16]	[29],31.2,31.2	11,15,[16]	[X,X],X,Y	11,11,[12]
	20,23	10,[11],12	11,[15],18		6,7	8,8
	15,[16],17	11				
QDUU8Z	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
QE6RKH	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,26	12,14	16,19	13,14	
3sp	7,12	13,14,15	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11,12
	20,23			27.2,32.2	6,7	8
	15,16,17	11			2	
QENF3C	PowerPlex® Fusion 5C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17	11				

TABLE 2

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

Item 3sp - STR Results

QGRBLF	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
QKC4WH	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
QKRMEU	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
QNFU7H	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,24,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
QP7XUJ	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
QP7ZL9	PowerPlex® Fusion 6C (STRMix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
QPMADN	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,19	8,13,14	
3sp	7,9,10,12	13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

QRDFTE	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
QREC2P	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
QT7BAV	GlobalFiler™					
	12,13,18.3	17,18,26	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	8,11,12	11,12
	12,17	13,15,16	31.2	11,15	X,Y	11,12
	20,23			23,27.2,32.2	6,7	8
	15,17	11			2	
QW982C	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
QWQ6B3	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
R4FBG9	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
R8YFY6	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

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

Item 3sp - STR Results

R9TZXW	GlobalFiler™ PCR Amplification Kit					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
REKB6E	Investigator® 24plex QS (STRmix (only 3 sp))					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
RGAHK6	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	9,11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
RHN3DF	GlobalFiler™					
	12,[14],18.3	17,18,[21],[26]	[11],12,14	[15],16,19	[8],13,14	
3sp	7,[9],[10],12	13,14,[15]	13,14	18,[24],[25],26,[27]	[8],11,12	[9],11,12,[13]
	12,17,[18],[19]	13,15,[16]	[29],31.2	11,15,[16]	X,Y	11,[12]
	20,[22],23			[16],[23],27.2,32.2,[33.2]	6,7	8
	15,17	11			2	
RHX36F	PowerPlex® Fusion 6C (STRmix V2.5.11)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
RHYV3N	Identifiler® Plus					
		17,18		16,19	13,14	
3sp	7,12	13,14			11,12	11,12
	12,17	13,15	31.2,31.2		X,Y	11,11
	20,23				6,7	8,8
	15,17					
RJVBDY	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

RK6K4B	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
RK7BAU	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	[10],12	11,18		6,7	8
	15,17	11				
RL9UPH	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
RQB6C3	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
RQDP9H	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
RUU9YE	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
RV8WHD	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

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

Item 3sp - STR Results

RY64YG	PowerPlex® PP21					
	12,18.3	17,18		16,19	13,14	12,20
	7,12	13,14		18,26	11,12	11,12
	12,17	13,15	31.2		X,Y	11
	20,23	10,12	11,18		6,7	8
15,17						
RYM7PQ	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
15,17	11					
RZX9CP	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
15,17	11			2		
T3ZHWQ	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
15,17	11			2		
T6DT7G	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
15,17	11			2		
T8EYJ3	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
15,17	11			2		
T8GJFH	PowerPlex® Fusion 6C (STRMIX)					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
15,17	11	17	18			

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

T8XM2W	Investigator® 24plex (STRmix)					
	11,12,13,14,17.3,18.3	16,17,18,26	11,12,14	15,16,18,19	12,13,14	
	7,9,12	12,13,14,15	12,13,14	18,21,24,26	10,11,12	10,11,12
	12,16,17	12,13,14,15	30.2,31.2,32.2	11,14,15,16	X,Y	10,11,12
	19,20,22,23			26.2,27.2,31.2,32.2	6,7	8
	14,15,16,17	11				
T9QNY8	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11		2		
TAN2DD	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
TBX36D	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
TEEHGQ	Investigator® 24plex (STRmix)					
	11,12,17.3,18.3,19.3	16,17,18	11,12,13,14	15,16,18,19,20	12,13,14	
	7,11,12	12,13,14	12,13,14	17,18,24,25,26,27	10,11,12	10,11,12
	11,12,16,17	12,13,14,15	30.2,31.2,32.2	10,11,14,15,16	X,Y	10,11,12
	19,20,22,23			26.2,27.2,28.2,31.2,32.2,33.2	6,7	7,8
	14,15,16,17	11				
TFBUJL	GlobalFiler™ (STRmix™)					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11		2		
TJTYDA	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11		2		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

TMBF9Z	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,26	12,14	15,16,18,19	13,14	
	7,9,10,12	13,14,15	13,14	18,21,25,26	11,12	9,11,12,13
	12,17,19	13,15	29,31.2	11,15,16	X,Y	11,12
	20,23			16,27.2,32.2	6,7	8
15,16,17	11			2		
TNZQZT	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
15,17	11			2		
TRLFJ7	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
15,17	11	17	18			
TUCNWF	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
15,17	11			2		
TVLF3B	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
15,17	11			2		
TX99MT	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
15,17	11			2		
U344GD	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
15,17	11			2		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

U3EAD	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
U4XXU	Investigator® 24plex (STRmix)					
	11,12,17.3,18.3	16,17,18,26	11,12,13,14	15,16,18,19	12,13,14	
3sp	7,11,12	12,13,14	12,13,14	18,21,24,25,26	10,11,12	10,11,12,13
	11,12,16,17,19	12,13,14,15	30.2,31.2	11,14,15,16	X,Y	10,11,12
	19,20,22,23			26.2,27.2,31.2,32.2	6,7	7,8
	14,15,16,17	11				
U7HVGE	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
U8ELAE	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
UAYATR	Investigator® 24plex (STRMIX)					
	12,18.3	17,18	12,14	16,19	13,14	N/A
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	N/A	N/A	27.2,32.2	6,7	8,8
	15,17	11	N/A	N/A	N/A	
UBVLVL	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
UDHH4C	Identifiler® Plus, PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,[21],[24],26	11,12	[9],11,12,[13]
	12,17,[18]	13,15	31.2	11,15	X,Y	11,[12]
	20,23	10,[11],12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

UEQLM3	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
UFQD2X	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
UKHKJ7	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
UL9WUC	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
UNLHUY	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
UNXEZ4	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
UQ877Y	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

UTEJUR	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11				
UTWH76	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
UUBVWM	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
UVGH6K	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
UVGKWB	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
UW8TWD	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
UYL2EE	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,18,19	13,14	
3sp	7,12	13,14	13,14	18,25,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

V2MEQ7	Investigator® 24plex QS					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
V46TU7	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
V6MHKD	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18	11,12,14	16,19	8,13,14	
3sp	7,9,10,12	13,14,15	13,14	18,24,26	8,11,12	11,12
	12,17,18	13,15	31.2	11,15,16	X,Y	11,12
	20,23			16,27.2,32.2	6,7	8
	15,17	11			2	
VDUJGY	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
VEMGMJ	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
VGX2T9	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
VJN97H	PowerPlex® 21 (STRmix v2.7.0)					
	12,18.3	17,18		16,19	13,14	12,20
3sp	7,12	13,14		18,26	11,12	11,12
	12,17	13,15	31.2,31.2		X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
	15,17					

TABLE 2

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

Item 3sp - STR Results

VM89JD	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
VNAFDP	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	16,[18],19	13,14	
3sp	7,12	13,14	13,14	18,[25],26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18,[19]		6,7	8,8
	15,17	11				
VNYC9D	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
VPBYTD	GlobalFiler™ (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,14	15,16,18,19	8,13,14	
3sp	7,9,10,12	13,14,15	13,14	18,21,24,25,26	8,11,12	9,11,12
	12,17,18,19	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11			2	
VRFMWH	PowerPlex® Fusion 6C					
	12,18.3	17,18	11,12,14	15,16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15,16	X,Y	11
	20,23	10,11,12	11,18	23,27.2,32.2	6,7	8
	15,17	11	17	18		
VUHL8A	PowerPlex® Fusion 5C					
	12,18.3	17,18	12,14	[15],16,19	[8],13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17	11				
VXXXT	Investigator® 24plex (STRMix)					
	11,12,13,14,17.3,18	16,17,18	11,12,13,14	15,16,18,19	12,13,14	
3sp	7,9,11,12	12,13,14,15	12,13,14	18,21,24,26	8,10,11,12	9,10,11,12,13
	11,12,16,17,18,19	12,13,14,15,16	30.2,31.2	10,11,14,15,16	X,Y	10,11,12
	19,20,22,23			16,26.2,27.2,31.2,32.2	6,7	7,8
	14,15,16,17	11				

TABLE 2

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

Item 3sp - STR Results

VX2XRX	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
VXN6EJ	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
W2LZJ4	Investigator® 24plex QS					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
W3PZBN	PowerPlex® Fusion 5C					
	12,(13),(14),18.3	17,18,(21),(26)	(11),12,14	(15),16,19	(8),13,14	
3sp	7,(9),(10),12	13,14,(15)	13,14	18,(21),(24),(25),26	(8),11,12	(9),11,12,(13)
	12,17,(18),(19)	13,15,(16)	(29),31.2,31.2	11,15,(16)	X,Y	11,11,(12)
	20,(22),23	10,(11),12	11,(15),18		6,7	8,8
	15,(16),17	11				
W47UBX	PowerPlex® ESI-Fast					
	12,18.3	17,18	12,14	16,19		
3sp		13,14	13,14	18,26		11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	
	20,23				6,7	
	15,17					
WCG7C3	PowerPlex® Fusion 6C (STRMIX)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
WD8G4U	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

WER8G9	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	10,11	17	18		
WFYC9C	Investigator® 24plex QS (STRMix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8
	15,17	11				
WHMPRU	Identifiler® Plus					
		17,18		16,19	13,14	
3sp	7,12	13,14			11,12	11,12
	12,17	13,15	31.2		X,Y	11
	20,23				6,7	8
	15,17					
WHQC7M	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
WL7TQD	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
WLHL89	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
WQ3LF2	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

WRQ9JN	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
WTTNMB	Investigator® 24plex QS (STRmix)					
	11,12,17.3,18.3,Q	16,17,18,Q	11,12,14,Q	15,16,18,19,Q	12,13,14,Q	
3sp	7,11,12,Q	12,13,14,Q	12,13,14,Q	17,18,24,25,26,Q	10,11,12,Q	10,11,12,Q
	11,12,16,17,Q	12,13,14,15,Q	30.2,31.2,32.2,Q	11,14,15,16,Q	X,Y	10,11,Q
	19,20,22,23,Q			26.2,27.2,31.2,32.2,Q	6,7,Q	7,8,Q
	14,15,16,17,Q	10,11				
WUF98K	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
WW7FNB	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
WWK2ZX	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
WWRYJB	Investigator® 24plex QS (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
WXH6Y2	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

WXJ39B	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
WYT6UA	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
X34JVL	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
X42WFT	Identifiler® Plus					
		17,18		16,19	13,14	
3sp	7,12	13,14			11,12	11,12
	12,17	13,15	31.2		X,Y	11
	20,23				6,7	8
	15,17					
X6A9V9	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
X6B2TG	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
X76RYV	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

X7AXTC	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
X8HCR7	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
X8HEGA	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
XAPGJ9	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
XB38TD	Investigator® 24plex (STRmix)					
	12,13,14,18.3	17,18,21,26	11,12,13,14	15,16,18,19	8,12,13,14	
3sp	7,9,10,12	12,13,14,15	13,14	18,21,24,26	8,11,12	9,11,12,13
	12,17,18,19	13,14,15,16	29,30.2,31.2	11,15,16	X,Y	11,12
	19,20,22,23			16,23,27.2,32.2	6,7	8
	15,16,17	11				
XE2DEA	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
XGLCJR	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

XHMKM	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
XJVGW	Identifiler® Plus					
		17,18		16,19	13,14	
	7,12	13,14			11,12	11,12
	12,17	13,15	31.2,31.2		X,Y	11,11
	20,23				6,7	8,8
	15,17					
XK7EAX	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11		2		
XK8246	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
XLM3X	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11		2		
XMDJZ	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
XMF99J	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11		2		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

XMPHWA	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
15,17	11	17	18			
XMR93R	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
15,17	11			2		
XMVRTF	Identifiler® Plus					
		17,18		16,19	13,14	
	7,12	13,14			11,12	11,12
	12,17	13,15	31.2,31.2		X,Y	11,11
	20,23				6,7	8,8
15,17						
XRKA67	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
15,17	11	17	18			
XRMYPB	PowerPlex® Fusion 5C					
	12,[14],18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,[25],26	11,12	11,12
	12,17,[19]	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18		6,7	8,8
15,17	11					
XTFVXX	PowerPlex® Fusion (STRMix)					
	12,18.3	17,18	12,14	16,19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,7	8
15,17	INC					
XTK4BR	GlobalFiler™					
	12,18.3	17,18	12,14	16,[18],19	13,14	
	7,12	13,14	13,14	18,26	11,12	11,12,[13]
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
15,17	11			2		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

XTNJPD	PowerPlex® Fusion 6C (STRMix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
XV62F9	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
XVQNZC	GlobalFiler™					
	12,18.3	17,18	12,14	16,17,19	13,14	
3sp	7,12	13,14	13,14	18,25,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
XW48W4	GlobalFiler™ (STRmix)					
	12,13,18.3	17,18	12,14	16,19	13,14	
3sp	7,10,12	13,14,15	13,14	18,24,26	11,12	9,11,12
	12,17	13,15	31.2	11,15,16	X,Y	11
	20,23			16,27.2,32.2	6,7	8
	15,17	11			2	
XFUG3	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
XZLF9A	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
Y3KVDQ	Investigator® 24plex (STRmix)					
	11,12,13,14,17.3,18 .3	16,17,18	11,12,14	15,16,18,19	12,13,14	
3sp	7,9,11,12	12,13,14,15	12,13,14	18,21,24,26	10,11,12	10,11,12,13
	11,12,16,17,19	12,13,14,15	30.2,31.2	11,14,15,16	X,Y	10,11,12
	19,20,22,23			26.2,27.2,28.2,31.2, 32.2	6,7	7,8
	14,15,16,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

Y69PUR	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
Y7YXTU	Identifiler® Plus					
		17,18		16,19	13,14	
3sp	7,12	13,14			11,12	11,12
	12,17	13,15	31.2		X,Y	11
	20,23				6,7	8
	15,17					
Y9QTF4	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
YA3JRT	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
YBVGXE	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
YCDG6B	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
YF7JZA	PowerPlex® 5C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18		6,7	8
	15,17	11				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

YFBM32	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
YFUNTA	PowerPlex® 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
YJCQV9	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
YJR8NG	PowerPlex® Fusion 6C					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
YK6LCP	Investigator® 24plex (STRmix)					
	11,12,17.3,18.3	16,17,18,26	11,12,13,14	15,16,18,19	12,13,14	
3sp	7,11,12	12,13,14	12,13,14	18,21,24,25,26	10,11,12	10,11,12,13
	11,12,16,17,19	12,13,14,15	30.2,31.2	11,14,15,16	X,Y	10,11,12
	19,20,22,23			26.2,27.2,31.2,32.2	6,7	7,8
	14,15,16,17	11				
YNJE8P	GlobalFiler™ (STRmix V2.5)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
YQAPXH	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

YR3HT2	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
YTDF7H	Investigator® 24plex (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11				
YUTQ7B	PowerPlex® Fusion 6c (strmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
YXVD2Z	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	9,11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,15,18	27.2,32.2	6,7	8
	15,17	11	17	18		
ZBUNY7	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
ZC6LCN	Investigator® 24plex (STRmix)					
	11,12,17.3,18.3	16,17,18	11,12,13,14	15,16,17,18,19	12,13,14	
3sp	7,9,11,12	12,13,14,15	12,13,14	17,18,25,26	8,10,11,12	10,11,12,13
	11,12,16,17,18	12,13,14,15	29,30.2,31.2	10,11,14,15,16	X,Y	10,11,12
	19,20,22,23			26.2,27.2,31.2,32.2	6,7	7,8
	14,15,16,17	11				
ZCBV9U	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	N/A
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	N/A	N/A	27.2,32.2	6,7	8,8
	15,17	11	N/A	N/A	2	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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 3sp - STR Results

ZEUZV7	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23	10,12	11,18	27.2,32.2	6,7	8
	15,17	11	17	18		
ZEV RTE	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
ZKKA66	PowerPlex® Fusion 6C (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	10,12	11,18	27.2,32.2	6,7	8,8
	15,17	11	17	18		
ZMKPAL	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
ZN4EMZ	GlobalFiler™ (STRMIX)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
ZPWBCU	GlobalFiler™					
	12,18.3	17,18	12,14	15,16,18,19	13,14	
3sp	7,12	13,14,15	13,14	18,25,26	11,12	9,11,12,13
	12,17,18	13,15,16	29,31.2	11,15,16	X,Y	11,12
	20,23			27.2,32.2	6,7	8
	15,16,17	11			2	
ZQP9HF	PowerPlex® ESI17/ESX17					
	12,18.3	17,18	12,14	16,19		
3sp		13,14	13,14	18,26		11,12
	12,17	13,15	31.2	11,15	X,Y	
	20,23			27.2,32.2	6,7	
	15,17					

TABLE 2

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

Item 3sp - STR Results

ZWFJRD	GlobalFiler™ (STRmix v2.4)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23			27.2,32.2	6,7	8,8
	15,17	11			2	
ZWXM9Q	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	
ZXPJVY	GlobalFiler™					
	12,18.3,[-]	17,18,[-]	[11],12,14	16,19,[-]	13,14,[-]	
3sp	7,12,[-]	13,14,[-]	13,14	18,26,[-]	11,12,[-]	11,12,[-]
	12,17,[-]	13,15,[-]	31.2,[-]	11,15,[16]	X,Y	11,[-]
	20,23,[-]			27.2,32.2,[-]	6,7	8
	15,17,[-]	11			2	
ZY2HRU	GlobalFiler™					
	12,18.3	17,18	12,14	16,19	13,14	N/A
3sp	7,12	13,14	13,14	18,26	11,12	[9],11,12
	12,17	13,15	31.2,31.2	11,15	X,Y	11,11
	20,23	N/A	N/A	27.2,32.2	6,7	8,8
	15,17	11	N/A	N/A	2	
ZYGQU3	GlobalFiler™ (STRmix)					
	12,18.3	17,18	12,14	16,19	13,14	
3sp	7,12	13,14	13,14	18,24,26	11,12	11,12
	12,17	13,15	31.2	11,15	X,Y	11
	20,23			27.2,32.2	6,7	8
	15,17	11			2	

TABLE 2

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

Item 4 - STR Results

2278RG	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
23EPHZ	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
24DG69	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
27FN27	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
286YRY	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
2AWWMK	Investigator® 24plex QS					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
2DVF34	PowerPlex® Fusion 5C and 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

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

Item 4 - STR Results

2DWZGR	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
2E7DFK	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
2EP78H	GlobalFiler™ (STRmix version 2.4)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
2F4HFN	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
2F8XUA	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
2HNFK6	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
2JZB6C	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

2KX868	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
2PQF7T	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
2UKA4U	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
2VWAZN	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
2WD7TN	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
2YFDLZ	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
2YYWUT	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	--			--	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

2ZAWQM	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
3233TY	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
34496J	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
34M6J6	Investigator® 24plex QS					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	-				
36GMTT	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	---			---	
36XY9D	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
37BLTD	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

3B7D2A	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
3CKMVC	PowerPlex® Fusion 6C (Lab Retriever)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
3FC6YL	GlobalFiler™ PCR Amplification kit					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
3NANMB	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	No Result			No Result	
3NUEMH	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	-
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	-	-	16,23	6,6	8,8
	16,17	-	-	-	-	
3TJQN7	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
3VQ2MV	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	15,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

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

Item 4 - STR Results

3YUZXM	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17	NR	NR	NR		
44HUG7	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	N/A
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	N/A	N/A	16,23	6,6	8,8
	16,17	N/A	N/A	N/A	N/A	
44KKMP	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
44Z48L	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
47LU9Q	Identifiler® Plus					
		21,26		15	8,13	
4	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12
	22,23				6	8
	16,17					
48J8UX	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
48KVG4	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

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

Item 4 - STR Results

49EQXK	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
49T8Y6	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
4AA2YF	Investigator® 24plex (STRmix)					
	13,14	21,16	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
4ARBQV	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
4BYFHX	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
4EZGKF	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
4FYL2A	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	no results			no results	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

4JCGPK	GlobalFiler™ (STRmix 2.5)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
4K79VY	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
4K8ACQ	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
4MFD9M	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
4MVLBV	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
4N7K8Q	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
4PYGUY	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

4R9CP4	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
4T4Z4T	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
4UWXAE	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
4VNUWM	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
4XCJ47	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
64D2UH	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
66ADVD	Investigator® 24plex					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

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

Item 4 - STR Results

67JH92	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
6A68TE	Investigator® 24plex, MiniFiler (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
6AKHBJ	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
6D4DEC	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
6D4MXV	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
6DKU8J	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
6F7K9N	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	-			-	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

6G4XTV	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
6K387H	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
6KFNB	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
6LU94U	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
6M8VMT	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
6QWWW3	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
6R6ABJ	GlobalFiler™ (STRmix 2.5v)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	

TABLE 2

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

Item 4 - STR Results

6RKHDR	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	--			--	
6TY373	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
6UCE3L	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
6WZ49K	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
74V7AV	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	No Results			No Results	
79TMMP	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
7C7HBZ	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

7CTXHP	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
7GE2Y8	GlobalFiler™ (STRMix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	No Results			No Results	
7GJ9TN	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X,X	12
	22,23			16,23	6	8
	16,17					
7GZNV	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
7HC7XA	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	Not detected			Not detected	
7HGHL7	Investigator® 24plex QS (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
7MRQT2	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

7R4UJ4	PowerPlex® Fusion (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
7RKVKK	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
7RZ2XP	Identifiler® Plus					
		21,26		15	8,13	
4	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12
	22,23				6	8
	16,17					
7U98JQ	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
7X9FNZ	PowerPlex® 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
7XNY8X	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
7XQB8M	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	-			-	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

7Z9VRH	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
84R6KF	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
86KZ2W	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
87GC27	GlobalFiler™ (STRmix v.2.4)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	No results			No results	
88M7CW	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
88QLRH	PowerPlex® 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17	NR	NR	NR		
8CJGXW	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

8EBCLQ	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
8FKLAG	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X,X	12
	22,23			16,23	6	8
	16,17					
8FLE9N	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
8GB2BC	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
8GDM8R	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
8GEBWH	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
8GECDA	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17					

TABLE 2

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

Item 4 - STR Results

8GZQ49	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	ND			No result	
8LDNHM	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
8NGJ2P	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
8Q3B6F	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
8UKJE2	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
8VVJ4F	GlobalFiler™ PCR Amplification Kit					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
8WU92J	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

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

Item 4 - STR Results

8XZZLJ	PowerPlex® Fusion 5C, MiniFiler					
	13,14	21,26	11,14	15	8,13	NA
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	NA	6	8
	16,17	NR/NE	NA	NA	NA	
8YBRRF	GlobalFiler™ (STRMix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
97P49D	Investigator® 24plex (STRMix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
97UHLE	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17	NR	NR	NR		
99DM8P	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
99YX8Y	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
9FFMTD	GlobalFiler™ (STRmix v2.5)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

9FJ39Y	Investigator® 24plex QS					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	-				
9FYBDT	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
9GAEH6	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
9HZKYV	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
9K9NT8	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
9K9QKW	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
9KAL43	Investigator® 24plex QS (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

9L2L2D	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
9LKGHE	GlobalFiler™ PCR Amplification Kit					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
9MUEWW	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
9NQZJV	PowerPlex® 16 HS					
				15,15	8,13	
4	9,10	14,15			8,12	9,13
	18,19		29,31.2		X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
9PZZLH	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
9Y9GC3	Investigator® 24plex QS					
	13,14	21,26	11,14	15,15	8,13	N/A
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	N/A	N/A	16,23	6,6	8,8
	16,17	N/A	N/A	N/A	N/A	
9Z3B46	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	-
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	-	-	16,23	6	8
	16,17	-	-	-	-	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

A6BWMW	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
A6TR8J	PowerPlex® Fusion 5C, MiniFiler					
	13,14	21,26	11,14	15	8,13	NA
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	NA	6	8
	16,17	NR/NE	NA	NA	NA	
A6UR6X	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
A7PB9K	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	-			-	
A7R4UY	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
A9T8BZ	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	No Results			No Results	
ACXPYV	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

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

Item 4 - STR Results

ADAL4Z	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
AE2L2B	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,[12]	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17	NT				
AEYWT	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
AFYLTW	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
AH4HTR	Identifiler®					
		21,26		15	8,13	
4	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X	12
	22,23				6	8
	16,17					
AL3TPR	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
AMCJCA	Investigator® 24plex, MiniFiler (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

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

Item 4 - STR Results

AMF42X	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
AMF7TN	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
AN7ETQ	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
AQC9A	Investigator® 24plex, MiniFiler (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
AQYFKZ	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
AU9PGB	PowerPlex® Fusion, MiniFiler					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17	NR				
AVCY2H	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

AVQRDB	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	N/A
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	N/A	N/A	16,23	6,6	8,8
	16,17		N/A	N/A	N/A	
AWM4F7	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
AWMWFY	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
AXV3NT	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
B4JD6V	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
B6QJFB	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17					
B73ARZ	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

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

Item 4 - STR Results

B9ARPV	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
BA4F4K	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
BCMJQW	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
BDJ4BB	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
BJRB2F	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
BJT7QD	GlobalFiler™ (STRmix 2.5)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
BKLWWR	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

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

Item 4 - STR Results

BMVZQ4	PowerPlex® 21					
	13,14	21,26		15,15	8,13	16,20
4	9,10	14,15		21,24	8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
BUAVLC	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
BUAZVE	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
BWGDJ8	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
BYZA7C	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
BZWL88	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
C2KLHM	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

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

Item 4 - STR Results

C2LBN6	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
C4P789	PowerPlex® Fusion 5c					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
C6QPMW	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
CAYC2T	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X,X	12
	22,23	11	11,15		6	8
	16,17					
CBFEYU	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
CC38JB	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	-			-	
CC8BMN	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

CGJG4U	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
CHAJRV	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
CJNZWW	Investigator® 24plex QS					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
CTVNYU	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
CU6KGT	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	NOT TESTED
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	NOT TESTED	NOT TESTED	16,23	6,6	8,8
	16,17	NO RESULTS	NOT TESTED	NOT TESTED	NO RESULTS	
CU9BJU	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
CVDWXU	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

CVK2HD	PowerPlex® 5C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
CVMKNN	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
CYNNHW	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
CZW69F	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
D23M7B	Investigator® 24plex (STRMix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
D23RER	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
D2JYPF	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

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

Item 4 - STR Results

D3FEYR	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
D3GC83	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
D3XFPZ	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
D49AF9	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
D66RGA	PowerPlex® Fusion 5C, MiniFiler					
	13,14	21,26	11,14	15	8,13	NA
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	NA	6	8
	16,17	NR/NE	NA	NA	NA	
D6XMXR	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
D9XYR7	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	

TABLE 2

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

Item 4 - STR Results

DBRB2D	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
DC39FV	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
DETEVL	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
DF6BZP	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
DGCK3V	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
DHUK97	Investigator® 24plex (STRmix V2.406)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
DJZ6XR	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

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

Item 4 - STR Results

DL7MWM	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
DLMTAR	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17					
DLMXH9	PowerPlex® Fusion, Fusion 6C					
	13,14	21,26	11,14	15	8,13	NT
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17	NR	NR	NR	NT	
DLPJGA	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
DNGE64	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
DTAJWM	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
DTB936	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

DU46PD	Identifiler® Plus					
		21,26		15	8,13	
4	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12
	22,23				6	8
	16,17					
DU8XCR	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
DVGPHN	Investigator® 24plex QS					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR				
DX798R	GlobalFiler™ (STRMIX)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
E2HFAR	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	NT
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	NT	NT	16,23	6	8
	16,17	NR	NT	NT	NR	
E6WCFT	Identifiler® Plus					
		21,26		15,15	8,13	
4	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23				6,6	8,8
	16,17					
E7W4WA	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

E8636X	Investigator® 24plex QS					
	13,14	21,26	11,14	15,15	8,13	N/A
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	N/A	N/A	16,23	6,6	8,8
	16,17	N/A	N/A	N/A	N/A	
E86B2N	PowerPlex® Fusion5C (STRMIX)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17					
E8MACZ	Identifiler® Plus					
		21,26		15,15	8,13	
4	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23				6,6	8,8
	16,17					
E9GZFU	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
E9X98A	PowerPlex® Fusion 5C, MiniFiler					
	13,14	21,26	11,14	15	8,13	NA
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	NA	6	8
	16,17	NR/NE	NA	NA	NA	
EB4PND	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
EB7AKT	Investigator® 24plex QS					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	-				

TABLE 2

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

Item 4 - STR Results

EC2ZHV	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
EDTZF7	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
EEMTBP	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
EFYJLE	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
EGQNUR	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
EGRGRZ	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
EHQFB9	PowerPlex® Fusion 6c (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17	NR	NR	NR		

TABLE 2

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

Item 4 - STR Results

EKAJWK	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
EMKA9A	GlobalFiler™ (STRmix 2.5v)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
EP2TY7	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	-			-	
ETQ2JT	PowerPlex® ESX16 Fast					
	13,14	21,26	11,14	15		
4	9,10	14,15	14	21,24		9,13
	18,19	13,16	29,31.2	16	X	
	22,23				6	
	16,17					
EV8JAN	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
EYDZP8	Investigator® 24plex (STRMix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
F3BRJP	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

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

Item 4 - STR Results

F4KLGB	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
F4N77Y	GlobalFiler™, MiniFiler (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	-			-	
F6EAVZ	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
F6ECMP	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
F6UN6V	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
F7BP7C	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
F8Z688	PowerPlex® Fusion 5C, Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17	NR	NR	NR		

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

FA7LMP	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
FB37AP	Identifiler® Plus					
		21,26		15,15	8,13	
4	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23				6,6	8,8
	16,17					
FBXUHC	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
FD8K8G	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
FDCWTR	Investigator® 24plex QS (Strmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
FECJRN	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	Not tested
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	Not tested	Not tested	16,23	6,6	8,8
	16,17	NR	Not tested	Not tested	NR	
FEHNDR	GlobalFiler™, MiniFiler (STRmix)					
	13,14	21,26	11,14	15	8,13	-
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	-	-	16,23	6	8
	16,17	-	-	-	-	

TABLE 2

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

Item 4 - STR Results

FFBKZZ	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
FG9UTH	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
FHN39X	PowerPlex® 21					
	13,14	21,26		15,15	8,13	16,20
4	9,10	14,15		21,24	8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
FKBLAV	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
FKQ2JQ	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
FQT2R8	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
FRQCLP	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

FUVUJ	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
FW3DTE	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
FW6XPU	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
FWGNMD	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X,X	12
	22,23			16,23	6	8
	16,17					
FYLGEQ	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
G67WHN	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
G72G7M	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	Not Tested
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	Not Tested	Not Tested	16,23	6,6	8,8
	16,17	No Results	Not Tested	Not Tested	No Results	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

G78K9E	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	NA
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	NA	NA	16,23	6,6	8,8
	16,17	NA	NA	NA	NA	
G8ZHEZ	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
GBWB4N	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17					
GCDD3A	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
GEUWT7	PowerPlex® 21 (GeneMapper ID)					
	13,14	21,26		15	8,13	16,20
4	9,10	14,15		21,24	8,12	9,13
	18,19	13,16	29,31.2		X	12
	22,23	11	11,15		6	8
	16,17					
GEWHNL	PowerPlex® ESI FAST 16					
	13,14	21,26	11,14	15,15		
4		14,15	14,14	21,24		9,13
	18,19	13,16	29,31.2	16,16	X,X	
	22,23				6,6	
	16,17					
GF8GKF	PowerPlex® Fusion (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17	INC				

TABLE 2

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

Item 4 - STR Results

GJRAWH	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
GK6WGH	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
GMVWG	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
GPGUUW	PowerPlex® 21					
	13,14	NR		15,15	8,13	16,20
4	9,10	14,15		21,24	8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
GTGV99	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
GVFDXM	GlobalFiler™ (BulletProof)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
GVKTBN	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					

TABLE 2

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

Item 4 - STR Results

GYLRUU	Investigator® 24plex (STRmis)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
GZDRR6	Identifiler® Plus					
		21,26		15,15	8,13	
4	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23				6,6	8,8
	16,17					
H4V6CR	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	No Results				
H4XUHB	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
H6N6A4	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
H7Y67X	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
HAYF2X	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

HBV7GT	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
HCPDWJ	PowerPlex® Fusion 6C (Lab Retriever)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
HJKGH8	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17	NR	NR	NR		
HKYTC7	GlobalFiler™ PCR Amplification Kit					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
HNPY8N	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
HQNJM8	Investigator® 24plex QS (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
HTEFHT	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

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

Item 4 - STR Results

HTQGZX	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
HUK3QR	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
HUMTWA	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
HXPPD4	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
HZAR6A	Identifiler® Plus					
		21,26		15	8,13	
4	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12
	22,23				6	8
	16,17					
J2MCXJ	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	39,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
J3A6G2	GlobalFiler™ (STRmix 2.4)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	No result			No result	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

J4TWM6	GlobalFiler™ (STRmix 2.5v)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
J68ENP	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
J6H9DX	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
J79FD2	GlobalFiler™ (STRmix v2.4.06)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
J7C2AG	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
J8T9GJ	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
J9E23M	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

J9JC87	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
J9ZKYL	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
JADX2W	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
JBCZTM	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
JBPYG4	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
JC7V94	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
JETM7R	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

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

Item 4 - STR Results

JHMDH6	PowerPlex® Fusion 6C, ESI 17 Fast, NDM Detect					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
JLA4WF	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	No Results			No Results	
JLDNL6	GlobalFiler™ (STRMix 2.5v)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
JNERDR	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
JNVR9G	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
JZNFXN	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
JZTLR6	GlobalFiler™ (STRmix v2.5)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

K2MMCM	Identifiler® Plus, PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
K3T9P2	GlobalFiler™ (STRmix v2.4)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	No result			No result	
K4463J	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
K4KCBL	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
K786U4	GlobalFiler™ PCR Amplification Kit					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
K8MBLE	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	No Results			No Results	
K92H8V	GlobalFiler™ (STRMIX)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	

TABLE 2

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

Item 4 - STR Results

K9F79M	Investigator® 24plex QS (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
KA96FU	Identifiler® Plus					
		21,26		15,15	8,13	
4	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23				6,6	8,8
	16,17					
KBLRX9	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	n/a			n/a	
KDDNM3	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17	NID	NID	NID		
KE3YDV	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
KFGJ76	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
KFVR9E	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

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

Item 4 - STR Results

KH8LV7	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
KJW2W2	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
KJYMRG	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
KKU7W4	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
KLQGXY	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
KN9XQ4	Investigator® 24plex (STRMix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
KNW3NJ	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

KPLDEC	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
KPNXCD	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
KXFH8D	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
KXH8EW	GlobalFiler™ (STRMix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
L2UFD	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
L37CHK	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
L6VEWK	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X,X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

L8GJ74	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
LA8LV4	Investigator® 24plex QS (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
LD8TG2	GlobalFiler™ (STRmix 2.5)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
LE2JMF	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
LFBBTC	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
LGLDEB	PowerPlex® Fusion (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17	INC				
LGNC7X	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	N/T
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	N/T	N/T	16,23	6,6	8,8
	16,17	N/R	N/T	N/T	N/R	

TABLE 2

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

LK6HX7	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
LR4YHJ	PowerPlex® Fusion 5C, 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
LTMMDL	PowerPlex® Fusion 6C (STRMix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
LUV444	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
LVB3MT	GlobalFiler™, MiniFiler (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	-			-	
LWJF3A	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
LXAQT3	PowerPlex® Fusion 5C, MiniFiler					
	13,14	21,26	11,14	15	8,13	NA
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	NA	6	8
	16,17	NR/NE	NA	NA	NA	

TABLE 2

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

Item 4 - STR Results

LXE8R2	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
LYCBR4	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
LYQTRN	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
M2NPHG	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
M3P9W6	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17	ND	ND	ND		
M6RJH8	Identifiler® Plus					
		21,26		15	8,13	
4	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12
	22,23				6	8
	16,17					
M6WQV2	GlobalFiler™ (STRmix v2.5)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

M8DAKW	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
M8GPZH	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
M8YP7T	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
MDN7HJ	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
MHGFJ6	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X,X	12
	22,23			16,23	6	8
	16,17	NR			NR	
MKLYQD	PowerPlex® Fusion 6C (Lab Retriever)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
MLALU2	GlobalFiler™ PCR Amplification Kit (GeneMapperID-X version 1.4)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	-			-	

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

MMVYVK	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X,X	12
	22,23			16,23	6	8
	16,17	NR			NR	
MPCHLG	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
MQB8JK	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
MV3QC3	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
MV4HAA	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
MVXF8H	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
MWR7DX	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

N3KBYE	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
N4WBV9	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
N8VLR9	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
NCMV28	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
NCR9MH	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
NDFU8T	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
NKG2TM	Investigator® 24plex QS (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

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

Item 4 - STR Results

NMLB36	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	-			-	
NN4FL4	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17	ND	ND	ND		
NNWDQP	GlobalFiler™ (STRmix 2.4)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	No results			No results	
NQ27J3	Identifiler® Plus					
		21,26		15	8,13	
4	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X	12
	22,23				6	8
	16,17					
NWC3FP	PowerPlex® 21 (STRmix)					
	13,14	21,26		15,15	8,13	16,20
4	9,10	14,15		21,24	8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
NXNMKT	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
P26E7F	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

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

Item 4 - STR Results

P64P3E	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
P7D429	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
P7FT8Q	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
P7UZT8	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	--			--	
PBQUHW	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
PDE34J	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
PMNG2E	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

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

Item 4 - STR Results

PN3ZUN	PowerPlex® 21					
	13,14	21,26		15,15	8,13	16,20
4	9,10	14,15		21,24	8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
PPAAU9	GlobalFiler™ 1910090					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
PQPKVL	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
PTRMEW	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
PUM7HH	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
PVE7FU	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
Q3V2WN	Identifiler® Plus					
		21,26		15,15	8,13	
4	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23				6,6	8,8
	16,17					

TABLE 2

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

Item 4 - STR Results

Q4PR33	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	-			-	
Q646TK	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
Q7UB9B	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
Q878DF	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
QA99ED	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
QCJXV4	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
QCZ437	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

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

Item 4 - STR Results

QDDHNV	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
QDUU8Z	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
QE6RKH	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
QENF3C	PowerPlex® Fusion 5C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17					
QGRBLF	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
QKC4WH	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
QKRMEU	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

QNFU7H	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
QP7XUJ	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
QP7ZL9	PowerPlex® Fusion 6C (STRMix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
QPMADN	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	-			-	
QRDFTE	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
QREC2P	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
QRVBD2	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	NA
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	NA	6	8
	16,17	NR/NE	NA	NA	NA	

TABLE 2

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

Item 4 - STR Results

QT7BAV	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
QW982C	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
QWQ6B3	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	-			-	
R4FBG9	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
R8YFY6	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
R9TZXW	GlobalFiler™ PCR Amplification Kit					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
REKB6E	Investigator® 24plex QS (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

RGAHK6	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
RHN3DF	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
RHX36F	PowerPlex® Fusion 6C (STRmix V2.5.11)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
RHYV3N	Identifiler® Plus					
		21,26		15,15	8,13	
4	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23				6,6	8,8
	16,17					
RJVBDY	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
RK6K4B	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
RK7BAU	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17	NT				

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

RL9UPH	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
RMEK7X	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
RPG4E	Identifiler® Plus					
		21,26		15,15	8,13	
4	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23				6,6	8,8
	16,17					
RQB6C3	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
RQDP9H	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
RTFRXT	PowerPlex® Fusion, MiniFiler					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17	NR				
RUU9YE	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

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

Item 4 - STR Results

RV8WHD	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
RY64YG	PowerPlex® PP21					
	13,14	21,26		15	8,13	16,20
4	9,10	14,15		21,24	8,12	9,13
	18,19	13,16	29,31.2		X	12
	22,23	11	11,15		6	8
	16,17					
RYM7PQ	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
RZX9CP	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
T3ZHWQ	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
T6DT7G	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
T8EYJ3	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

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

Item 4 - STR Results

T8GJFH	PowerPlex® Fusion 6C (STRMIX)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
T8XM2W	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
TAN2DD	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
TBX36D	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
TEEHGQ	Investigator® 24plex					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
TFBUJL	GlobalFiler™ (STRmix™)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	-			-	
TJTYDA	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

TMBF9Z	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
TNZQZT	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
TRLFJ7	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
TUCNWF	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
TVLF3B	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
TX99MT	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
U344GD	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

U3EAD	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
U4XXU	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
U7HVGE	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
U8ELAE	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
U93YRW	PowerPlex® Fusion 5C, MiniFiler					
	13,14	21,26	11,14	15	8,13	NA
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	NA	6	8
	16,17	NR/NE	NA	NA	NA	
UAYATR	Investigator® 24plex (STRMIX)					
	13,14	21,26	11,14	15,15	8,13	N/A
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	N/A	N/A	16,23	6,6	8,8
	16,17		N/A	N/A	N/A	
UBVLVL	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

UDHH4C	Identifiler® Plus, PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17	No result	No result	No result		
UEQLM3	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	--			--	
UFQD2X	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
UKHKJ7	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
UL9WUC	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
UNLHUY	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
UNXEZ4	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

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

Item 4 - STR Results

UQ877Y	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	-			-	
UTEJUR	Investigator® 24plex (STRMix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
UTWH76	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
UUBVWM	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
UVGH6K	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
UVGKWB	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
UW8TWD	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

UYL2EE	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
V2MEQ7	Investigator® 24plex QS					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
V46TU7	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
V6MHKD	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
VDUJGY	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NSD			NSD	
VEMGMJ	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
VGX2T9	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					

TABLE 2

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

Item 4 - STR Results

VJN97H	PowerPlex® 21 (STRmix v2.7.0)					
	13,14	21,26		15,15	8,13	16,20
4	9,10	14,15		21,24	8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
VM89JD	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
VNAFDP	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
VNYC9D	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X,X	12
	22,23			16,23	6	8
	16,17					
VPBYTD	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
VRFMWH	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
VUHL8A	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

WXXXT	Investigator® 24plex (STRMix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
VX2XRX	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	-			-	
VXN6EJ	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
W2LZJ4	Investigator® 24plex					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
W3PZBN	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,(30),31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
W47UBX	PowerPlex® ESI-Fast					
	13,14	21,26	11,14	15,15		
4		14,15	14,14	21,24		9,13
	18,19	13,16	29,31.2	16,16	X,X	
	22,23				6,6	
	16,17					
W6XQZR	PowerPlex® Fusion 5C, MiniFiler					
	13,14	21,26	11,14	15	8,13	NA
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	NA	6	8
	16,17	NR/NE	NA	NA	NA	

TABLE 2

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

Item 4 - STR Results

W9F7C6	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
WCG7C3	PowerPlex® Fusion 6C (STRMIX)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
WD8G4U	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
WER8G9	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
WFYC9C	Investigator® 24plex QS (STRMIX)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X,X	12
	22,23			16,23	6	8
	16,17					
WHMPRU	Identifiler® Plus					
		21,26		15	8,13	
4	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12
	22,23				6	8
	16,17					
WHQC7M	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

WL7TQD	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
WLHL89	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
WQ3LF2	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
WRQ9JN	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
WTTNMB	Investigator® 24plex QS (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
WUF98K	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
WW7FNB	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

WWK2ZX	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	-			-	
WWRYJB	Investigator® 24plex QS (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
WXH6Y2	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
WXJ39B	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
WYT6UA	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
X34JVL	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
X42WFT	Identifiler® Plus					
		21,26		15	8,13	
4	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12
	22,23				6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

X6A9V9	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
X6B2TG	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
X76RYV	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	---			---	
X7AXTC	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
X8HCR7	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
X8HEGA	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
XAPGJ9	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

XB38TD	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
XE2DEA	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
XGLCJR	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
XHHMKM	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
XJVGWG	Identifiler® Plus					
		21,26		15,15	8,13	
4	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23				6,6	8,8
	16,17					
XK7EAX	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
XK8246	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					

TABLE 2

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

Item 4 - STR Results

XLMB3X	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
XMDJ2Z	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
XMF99J	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
XMPHWA	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
XMR93R	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
XMVRTF	Identifiler® Plus					
		21,26		15,15	8,13	
4	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12,12
	22,23				6,6	8,8
	16,17					
XRKA67	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					

TABLE 2

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

Item 4 - STR Results

XRMYBP	PowerPlex® Fusion 5C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15		6,6	8,8
	16,17					
XTFVXX	PowerPlex® Fusion					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17	INC				
XTK4BR	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
XTNJPD	PowerPlex® Fusion 6C (STRMix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
XV62F9	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
XVQNZC	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
XW48W4	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

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

Item 4 - STR Results

XFUG3	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
XZLF9A	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
XZZXWM	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	NR			NR	
Y3KVDQ	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
Y69PUR	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
Y7YXTU	Identifiler® Plus					
		21,26		15	8,13	
4	9,10	14,15			8,12	9,13
	18,19	13,16	29,31.2		X,X	12
	22,23				6	8
	16,17					
Y9QTF4	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

YA3JRT	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
YBVGXE	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
YCDG6B	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
YF7JZA	PowerPlex® 5C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15		6	8
	16,17					
YFBM32	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
YFUNTA	PowerPlex® 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
YJ6VVA	PowerPlex® Fusion, GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

YJCQV9	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
YJR8NG	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
YK6LCP	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
YNJE8P	GlobalFiler™ (STRmix V2.5)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
YQAPXH	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					
YR3HT2	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
YTDF7H	Investigator® 24plex (STRMix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X,X	12
	22,23			16,23	6	8
	16,17					

TABLE 2

WebCode	Amplification Kits (Probabilistic Genotyping 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

YUTQ7B	PowerPlex® Fusion 6c (strmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
YXVD2Z	PowerPlex® Fusion 6C (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
ZBUNY7	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
ZC6LCN	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
ZCBV9U	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	N/A
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	N/A	N/A	16,23	6,6	8,8
	16,17	N/A	N/A	N/A	N/A	
ZEUZV7	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
ZEV RTE	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

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

Item 4 - STR Results

ZGZKKR	PowerPlex® Fusion 5C, MiniFiler					
	13,14	21,26	11,14	15	8,13	NA
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	NA	6	8
	16,17	NR/NE	NA	NA	NA	
ZKKA66	PowerPlex® Fusion 6C					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	11,11	11,15	16,23	6,6	8,8
	16,17					
ZMKPAL	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	NR			NR	
ZN4EMZ	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
ZPWBCU						
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
ZQP9HF	PowerPlex® ESI17/ESX17					
	13,14	21,26	11,14	15		
4		14,15	14	21,24		9,13
	18,19	13,16	29,31.2	16	X,X	
	22,23			16,23	6	
	16,17					
ZRG66N	PowerPlex® Fusion 5C, MiniFiler					
	13,14	21,26	11,14	15	8,13	NA
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	NA	6	8
	16,17	NR/NE	NA	NA	NA	

TABLE 2

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

Item 4 - STR Results

ZWFJRD	GlobalFiler™ (STRmix v2.4)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	No results			No results	
ZWXM9Q	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
ZXPJY	GlobalFiler™					
	13,14	21,26	11,14	15	8,13	
4	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17	No Results			No Results	
ZY2HRU	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	N/A
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23	N/A	N/A	16,23	6,6	8,8
	16,17	N/A	N/A	N/A	N/A	
ZYGQU3	GlobalFiler™ (STRmix)					
	13,14	21,26	11,14	15,15	8,13	
4	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17					

TABLE 2

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

Item 4e - STR Results

HTCZWF	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	ND			ND	
JL9BY9	Investigator® 24plex (STRmix)					
	13,14	21,26	11,14	15	8,13	
4e	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23			16,23	6	8
	16,17					
K9X3RA	PowerPlex® Fusion 6C, GlobalFiler™ (GeneMapper ID-X Software)					
	13,14	21,26	11,14	15	8,13	
4e	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
T9QNY8	GlobalFiler™					
	13,14	21,26	11,14	15,15	8,13	
4e	9,10	14,15	14,14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16,16	X,X	12,12
	22,23			16,23	6,6	8,8
	16,17	ND			ND	

TABLE 2

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

Item 4sp - STR Results

HTCZWF	GlobalFiler™					
	ND	[21]	ND	ND	ND	
4sp	ND	ND	[14]	ND	[12]	ND
	[18]	ND	ND	[16]	[X]	[12]
	ND			ND	ND	[8]
	ND	ND			ND	
JL9BY9	Investigator® 24plex (STRmix)					
4sp						
K9X3RA	PowerPlex® Fusion 6C, GlobalFiler™ (GeneMapper ID-X Software)					
	13,14	21,26	11,14	15	8,13	
4sp	9,10	14,15	14	21,24	8,12	9,13
	18,19	13,16	29,31.2	16	X	12
	22,23	11	11,15	16,23	6	8
	16,17					
T9QNY8	GlobalFiler™					
	[13]	ND	[11]	ND	ND	
4sp	ND	ND	ND	ND	ND	ND
	ND	[13]	ND	[16]	[X]	ND
	ND			ND	ND	ND
	ND	ND			ND	

YSTR Amplification Kit(s) & Results

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 1 - YSTR Results

2HNFK6	PowerPlex® Y 23								
1	[REDACTED]								
2VWAZN	Yfiler™ Plus								
1	[REDACTED]								
36GMTT	Yfiler™ Plus								
1	---	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---
88M7CW	PowerPlex® Y 23								
1	[REDACTED]								
8GZQ49	Yfiler™								
1	No result	No result	No result	No result	No result	No result	No result	No result	No result
	No result	No result	No result	No result	No result	No result	No result	No result	No result
							No result		No result
AU9PGB	Yfiler™								
1	NR	NR,NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
							NR		NR
CX8QPW	Yfiler™								
1	[REDACTED]								
D6XMXR	PowerPlex® Y 23								
1	[REDACTED]								
DNWP6W	Yfiler™								
1	[REDACTED]								
FB37AP	PowerPlex® Y 23								
1	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
GEEE6R	Yfiler™								
1	[REDACTED]								

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 1 - YSTR Results

HAYF2X	Yfiler™								
1	[REDACTED]								
JHMDH6	Yfiler™ Plus								
1	[REDACTED]								
NQ27J3	Yfiler™								
1		NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
							NA		NA
PBQUHW	Yfiler™ Plus								
1	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
Q4PR33	Yfiler™ Plus								
1	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
RTFRXT	Yfiler™								
1		NR	NR,NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
							NR		NR
UL9WUC	Yfiler™								
1	[REDACTED]								
VX2RX	Yfiler™ Plus								
1	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
XZZXWM	Yfiler™								
1		NR	NR,NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
							NR		NR

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

27FN27	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
286YRY	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
2DVF34	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
2E7DFK	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
2EP78H	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
2F4HFN	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
2HNFK6	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
2PQF7T	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
2UKA4U	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
2VWAZN	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
2WD7TN	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

2YYWUT	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
2ZAWQM	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
36D8D8	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
36GMTT	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
3CKMCV	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
3FC6YL	Yfiler™ Plus Amplification kit								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
3VQ2MV	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
44KKMP	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
44Z48L	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
47LU9Q	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
48KVG4	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

49EQXK	Yfiler™								
	2	14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
49T8Y6	Yfiler™								
	2	14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
4LG2K8	PowerPlex® Y 23								
	2	14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
4MFD9M	Yfiler™ Plus								
	2	35,36	14	11,14	14	30	23	11	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
4MVLBV	PowerPlex® Y 23								
	2	14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
4R9CP4	Yfiler™ Plus								
	2	35,36	14	11,14	14	30	23	11	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
4UWXAE	Yfiler™								
	2	14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
4XCJ47	Yfiler™ Plus								
	2	35,36	14	11,14	14	30	23	11	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
64D2UH	Yfiler™								
	2	14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
66ADVD	Yfiler™								
	2	14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
6A68TE	Yfiler™								
	2	14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

6AKHBJ	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
6D4DEC	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
6DKU8J	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
6F7K9N	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
6KFNBJ	Yfiler™								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
6QWWW3	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
6RKHDR	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
6TY373	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
6WZ49K	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
74V7AV	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
79TMMP	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

7C7HBZ	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
7CTXHP	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
7RKVKK	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
7RZ2XP	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
7U98JQ	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
7X9FNZ	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
7XNY8X	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
7XQB8M	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
7Z9VRH	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
86KZ2W	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
88M7CW	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

8FLE9N	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
8GDM8R	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
8GEBWH	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
8GZQ49	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
8LDNHM	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
8Q3B6F	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
8UKJE2	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
8VWJ4F	Yfiler™ Plus PCR Amplification Kit								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
8WU92J	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
8XZZLJ	Yfiler™								
2	NA	14	11,14	14	30	23	11	13	13
	15	11	12	18	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	25	NA	12
8YBRRF	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

8ZPD43	PowerPlex® Y 23								
2	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
97UHLE	PowerPlex® Y 23								
2	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
99DM8P	Yfiler™								
2	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
					25	12			
99YX8Y	PowerPlex® Y 23								
2	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
9L2L2D	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12	17	18	21	25	12		
9LKGHE	Yfiler™ Plus PCR Amplification Kit								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12	17	18	21	25	12		
9NQZJV	PowerPlex® Y 23								
2	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
9PZZLH	PowerPlex® Y 23								
2	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
9Z3B46	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12	17	18	21	25	12		
A6TR8J	Yfiler™								
2	NA	14	11,14	14	30	23	11	13	13
	15	11	12	18	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	25	NA	12
A7PB9K	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12	17	18	21	25	12		

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

A9T8BZ	PowerPlex® Y 23								
2	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
AE2L2B	PowerPlex® Y 23								
2	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
AEYWVT	PowerPlex® Y 23								
2	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
AMCJCA	Yfiler™								
2	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
					25		12		
AMF42X	Yfiler™								
2	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
					25		12		
AN7ETQ	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	12	18	31	16	17	11	22	
	37	12	17	18	21	25		12	
APDXAY	PowerPlex® Y 23								
2	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
AQYFKZ	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	12	18	31	16	17	11	22	
	37	12	17	18	21	25		12	
AU9PGB	Yfiler™								
2	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
					25		12		
AVCY2H	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	12	18	31	16	17	11	22	
	37	12	17	18	21	25		12	
B6QJFB	PowerPlex® Y 23								
2	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

B73ARZ	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
B9ARPV	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
BCMJQW	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
BDJ4BB	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
BJRB2F	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
BKLWWR	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
BMVZQ4	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
BUAVLC	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
BYZA7C	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
BZWL88	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
C2KLHM	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

CGJG4U	Yfiler™ Plus									
	2	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25			12
CHAJRV	Yfiler™									
	2		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
							25			12
CVDWXU	Yfiler™									
	2		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
							25			12
CVK2HD	PowerPlex® Y 23									
	2		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
		12	13	17	18		25	9		12
CX8QPW	Yfiler™									
	2		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
							25			12
CYNNHW	Yfiler™ Plus									
	2	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25			12
CZW69F	PowerPlex® Y 23									
	2		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
		12	13	17	18		25	9		12
D23M7B	PowerPlex® Y 23									
	2		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
		12	13	17	18		25	9		12
D3FEYR	PowerPlex® Y 23									
	2		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
		12	13	17	18		25	9		12
D49AF9	Yfiler™ Plus									
	2	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25			12
D66RGA	Yfiler™									
	2	NA	14	11,14	14	30	23	11	13	13
		15	11	12	18	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	25	NA		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

D6XXMR	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
D9XYR7	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
DBRB2D	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
DC39FV	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
DGCK3V	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
DLMXH9	PowerPlex® Y 23								
2	NT	14	11,14	14	30	23	11	13	13
	15	11	12	18	NT	16	17	NT	22
	NT	12	13	17	18	NT	25	9	12
DLPJGA	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
DNWP6W	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
DTAJWM	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
DU46PD	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
DVGPHN	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

DX798R	Yfiler™									
	2		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		
							25			12
E2HFAR	Yfiler™ Plus									
	2	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12	NT	17	18	21	25	NT		12
E86B2N	PowerPlex® Y 23									
	2		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
		12	13	17	18		25	9		12
E9X98A	Yfiler™									
	2	NA	14	11,14	14	30	23	11	13	13
		15	11	12	18	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	25	NA		12
EB4PND	PowerPlex® Y 23									
	2		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
		12	13	17	18		25	9		12
EGQNUR	PowerPlex® Y 23									
	2		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
		12	13	17	18		25	9		12
EGRGRZ	Yfiler™ Plus									
	2	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25			12
EHQFB9	PowerPlex® Y 23									
	2		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
		12	13	17	18		25	9		12
EP2TY7	Yfiler™ Plus									
	2	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25			12
EV8JAN	PowerPlex® Y 23									
	2		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
		12	13	17	18		25	9		12
EXFGYY	PowerPlex® Y 23									
	2		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
		12	13	17	18		25	9		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

F4KLGB	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
F4N77Y	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
F699KX	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
F6UN6V	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
F7BP7C	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
F8Z688	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
FB37AP	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
FD8K8G	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
FEHNDR	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12	-	17	18	21	25	-	12
FG9UTH	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
FKBLAV	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

FW3DTE	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
FWGNMD	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
FYLGEQ	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
G78K9E	Yfiler™								
2	NA	14	11,14	14	30	23	11	13	13
	15	11	12	18	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	25	NA	12
GCDD3A	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
GEEE6R	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
GEUWT7	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
GF8GKF	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
GJRAWH	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
GPGUW	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
GTGV99	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

GVFDXM PowerPlex® Y 23									
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
H4XUHB PowerPlex® Y 23									
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
H7Y67X Yfiler™									
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
HAYF2X									
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
HBY7GT Yfiler™ Plus									
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
HCPDWJ Yfiler™ Plus									
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
HKYTC7 Yfiler™ Plus PCR Amplification Kit									
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
HTEFHT Yfiler™ Plus									
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
HTQGZX Yfiler™									
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
HUMTWA PowerPlex® Y 23									
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
HZAR6A Yfiler™									
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

J2MCXJ	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
J3A6G2	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
J68ENP	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
J7C2AG	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
J9E23M	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
J9JC87	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
		15	11	12	18	16	17		22
		12	13	17	18		25	9	12
JBPYG4	Yfiler™								
2		14	11,14	14	30	23	11	13	13
		15	11	12	18	16	17		
							25		12
JC7V94	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
JETM7R	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
JHMDH6	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
JLA4WF	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
		15	11	12	18	16	17		22
		12	13	17	18		25	9	12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

JNERDR	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
JNVR9G	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
K786U4	Yfiler™ Plus PCR Amplification Kit								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
K8MBLE	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
		15	11	12	18	16	17		22
		12	13	17	18		25	9	12
K9X3RA	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
KDDNM3	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
		15	11	12	18	16	17		22
		12	13	17	18		25	9	12
KFGJ76	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
KJW2W2	Yfiler™ Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
KJYMRG	Yfiler™								
2		14	11,14	14	30	23	11	13	13
		15	11	12	18	16	17		
							25		12
KKU7W4	Yfiler™								
2	NA	14	11,14	14	30	23	11	13	13
	15	11	12	18	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	25	NA	12
KN9XQ4	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
		15	11	12	18	16	17		22
		12	13	17	18		25	9	12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

KPLDEC	PowerPlex® Y 23									
	2		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
			12	13	17	18		25	9	12
L2UFDF	Yfiler™									
	2		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
								25		12
L37CHK	PowerPlex® Y 23									
	2		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
			12	13	17	18		25	9	12
L8GJ74	Yfiler™ Plus									
	2	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
		37	12		17	18	21	25		12
LFBBTC	PowerPlex® Y 23									
	2		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
			12	13	17	18		25	9	12
LGLDEB	Yfiler™									
	2		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
								25		12
LGNC7X	Yfiler™									
	2	N/T	14	11,14	14	30	23	11	13	13
		15	11	12	18	N/T	16	17	N/T	N/T
		N/T	N/T	N/T	N/T	N/T	N/T	25	N/T	12
LR4YHJ	PowerPlex® Y 23									
	2		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
			12	13	17	18		25	9	12
LUV444	Yfiler™ Plus									
	2	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
		37	12		17	18	21	25		12
LVB3MT	Yfiler™ Plus									
	2	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
		37	12		17	18	21	25		12
LWJF3A	Yfiler™ Plus									
	2	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
		37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

LXAQT3	Yfiler™								
2	NA	14	11,14	14	30	23	11	13	13
	15	11	12	18	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	25	NA	12
LXE8R2	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
LYCBR4	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
M6RJH8	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
M8YP7T	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
MEG4N6	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
MHGFJ6	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
MKLYQD	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
MLALU2	Yfiler™ Plus PCR Amplification Kit								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
MMVYVK	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
MQB8JK	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

MVXF8H	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
MWR7DX	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
N3KBYE	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
N4WBV9	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
NCMV28	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
NCR9MH	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
NMLB36	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
NQ27J3	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
NWC3FP	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
NXNMKT	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
P7D429	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

P7UZH	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
PBQUHW	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
PQPVL	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
PUM7HH	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
Q4PR33	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
Q646TK	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
QB6FUJ	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
QDUU8Z	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
QKC4WH	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
QP7XUJ	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
QPMADN	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

QRVBD2	Yfiler™								
2	NA	14	11,14	14	30	23	11	13	13
	15	11	12	18	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	25	NA	12
QT7BAV	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
QWQ6B3	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
R9TZXW	Yfiler™ Plus PCR Amplification Kit								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
RGAHK6	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
RHN3DF	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
RJVBDY	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
RK6K4B	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
RK7BAU	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
RQB6C3	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
RTFRXT	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

RUU9YE	PowerPlex® Y 23								
2	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
RY64YG	PowerPlex® Y 23								
2	14	11,14	14	30	23	11	13	13	
	11	12	18	16	17	22			
	12	13	17	18	25	9	12		
RYM7PQ	Yfiler™								
2	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
					25	12			
T8EYJ3	Yfiler™								
2	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
					25	12			
T8GJFH	Yfiler™								
2	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
					25	12			
TBX36D	PowerPlex® Y 23								
2	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
TFBUJL	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	12	18	31	16	17	11	22	
	37	12	17	18	21	25	12		
TJTYDA	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	12	18	31	16	17	11	22	
	37	12	17	18	21	25	12		
TNZQZT	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	12	18	31	16	17	11	22	
	37	12	17	18	21	25	12		
TYFMWJ	PowerPlex® Y 23								
2	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
U344GD	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	12	18	31	16	17	11	22	
	37	12	17	18	21	25	12		

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

U3EADE	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
U4XXU	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
U7HVGE	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
U8ELAE	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
U93YRW	Yfiler™								
2	NA	14	11,14	14	30	23	11	13	13
	15	11	12	18	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	25	NA	12
UBVLVL	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
UEQLM3	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
UL9WUC	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
UQ877Y	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
UUBVWM	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
UW8TWD	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

V2MEQ7	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
VDUJGY	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
WXXXT	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
VX2XRX	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
W47UBX	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
W6XQZR	Yfiler™								
2	NA	14	11,14	14	30	23	11	13	13
	15	11	12	18	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	25	NA	12
WD8G4U	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
WFYC9C	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
WHMPRU	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
WHQC7M	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
WHZQ6F	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

WLHL89	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
WWK2ZX	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
WXH6Y2	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
WXJ39B	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
X34JVL	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
X42WFT	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
X76RYV	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
XAPGJ9	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
XGLCJR	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
XLMB3X	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
XMDJ2Z	Yfiler™								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

XMPHWA	PowerPlex® Y 23								
	2	14	11,14	14	30	23	11	13	13
	15	11	12	18	16	17	22		
	12	13	17	18		25	9	12	
XMR93R	PowerPlex® Y 23								
	2	14	11,14	14	30	23	11	13	13
	15	11	12	18	16	17	22		
	12	13	17	18		25	9	12	
XRMYPB	Yfiler™								
	2	14	11,14	14	30	23	11	13	13
	15	11	12	18	16	17			
						25		12	
XTK4BR	Yfiler™ Plus								
	2	35,36	14	11,14	14	30	23	11	13
	15	11	12	18	31	16	17	11	22
	37	12	17	18	21	25		12	
XV62F9	PowerPlex® Y 23								
	2	14	11,14	14	30	23	11	13	13
	15	11	12	18	16	17	22		
	12	13	17	18		25	9	12	
XVQNZC	Yfiler™ Plus								
	2	35,36	14	11,14	14	30	23	11	13
	15	11	12	18	31	16	17	11	22
	37	12	17	18	21	25		12	
XXFUG3	Yfiler™ Plus								
	2	35,36	14	11,14	14	30	23	11	13
	15	11	12	18	31	16	17	11	22
	37	12	17	18	21	25		12	
XZLF9A	Yfiler™ Plus								
	2	35,36	14	11,14	14	30	23	11	13
	15	11	12	18	31	16	17	11	22
	37	12	17	18	21	25		12	
XZZXWM	Yfiler™								
	2	14	11,14	14	30	23	11	13	13
	15	11	12	18	16	17			
						25		12	
Y69PUR	Yfiler™ Plus								
	2	35,36	14	11,14	14	30	23	11	13
	15	11	12	18	31	16	17	11	22
	37	12	17	18	21	25		12	
Y7YXTU	Yfiler™								
	2	14	11,14	14	30	23	11	13	13
	15	11	12	18	16	17			
						25		12	

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

Y9QTF4	Yfiler™								
2	14	11,14	14	30	23	11	13	13	
	15	12	18		16	17			
						25			12
YA3JRT	PowerPlex® Y 23								
2	14	11,14	14	30	23	11	13	13	
	15	12	18		16	17		22	
		12	13	17	18	25	9	12	
YJ6VWA	PowerPlex® Y 23								
2	14	11,14	14	30	23	11	13	13	
	15	12	18		16	17		22	
		12	13	17	18	25	9	12	
YJCQV9	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
YJR8NG	PowerPlex® Y 23								
2	14	11,14	14	30	23	11	13	13	
	15	12	18		16	17		22	
		12	13	17	18	25	9	12	
YK6LCP	PowerPlex® Y 23								
2	14	11,14	14	30	23	11	13	13	
	15	12	18		16	17		22	
		12	13	17	18	25	9	12	
YR3HT2	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
YTDF7H	Yfiler™								
2	14	11,14	14	30	23	11	13	13	
	15	12	18		16	17			
						25			12
ZBUNY7	PowerPlex® Y 23								
2	14	11,14	14	30	23	11	13	13	
	15	12	18		16	17		22	
		12	13	17	18	25	9	12	
ZC6LCN	PowerPlex® Y 23								
2	14	11,14	14	30	23	11	13	13	
	15	12	18		16	17		22	
		12	13	17	18	25	9	12	
ZCBV9U	Yfiler™								
2	N/A	14	11,14	14	30	23	11	13	13
	15	11	12	18	N/A	16	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	25	N/A	12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 2 - YSTR Results

ZEUZV7	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
ZGZKKR	Yfiler™								
2	NA	14	11,14	14	30	23	11	13	13
	15	11	12	18	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	25	NA	12
ZQP9HF	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
ZRG66N	Yfiler™								
2	NA	14	11,14	14	30	23	11	13	13
	15	11	12	18	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	25	NA	12
ZWXM9Q	Yfiler™ Plus								
2	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
ZXPJVY	PowerPlex® Y 23								
2		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
ZY2HRU	Yfiler™								
2	N/A	14	11,14	14	30	23	11	13	13
	15	11	12	18	N/A	16	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	25	N/A	12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3 - YSTR Results

2VWAZN	Yfiler™ Plus								
3	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
44Z48L	Yfiler™ Plus								
3	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
4MFD9M	Yfiler™ Plus								
3	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
6KFNB	Yfiler™								
3	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
8WU92J	Yfiler™ Plus								
3	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
8XZZLJ	Yfiler™								
3	NA	14	11,14	14	30	23	11	13	13
	15	11	12	18	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	25	NA	12
A6TR8J	Yfiler™								
3	NA	14	11,14	14	30	23	11	13	13
	15	11	12	18	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	25	NA	12
AU9PGB	Yfiler™								
3		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
AVCY2H	Yfiler™ Plus								
3	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
D66RGA	Yfiler™								
3	NA	14	11,14	14	30	23	11	13	13
	15	11	12	18	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	25	NA	12
E8MACZ	Yfiler™ Plus								
3	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3 - YSTR Results

E9X98A	Yfiler™								
3	NA	14	11,14	14	30	23	11	13	13
	15	11	12	18	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	25	NA	12
F4KLGB	Yfiler™ Plus								
3	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
FB37AP	PowerPlex® Y 23								
3		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
GCDD3A	Yfiler™ Plus								
3	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
GEUWT7	Yfiler™								
3		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
GEWHNL	Yfiler™ Plus								
3	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
JHMDH6	Yfiler™ Plus								
3	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
KFGJ76	Yfiler™ Plus								
3	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
LUV444	Yfiler™ Plus								
3	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
LXAQT3	Yfiler™								
3	NA	14	11,14	14	30	23	11	13	13
	15	11	12	18	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	25	NA	12
QRVBD2	Yfiler™								
3	NA	14	11,14	14	30	23	11	13	13
	15	11	12	18	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	25	NA	12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3 - YSTR Results

RHYV3N	Yfiler™ Plus									
	3	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25			12
RTFRXT	Yfiler™									
	3		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		
							25			12
U93YRW	Yfiler™									
	3	NA	14	11,14	14	30	23	11	13	13
		15	11	12	18	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	25	NA	NA	12
W6XQZR	Yfiler™									
	3	NA	14	11,14	14	30	23	11	13	13
		15	11	12	18	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	25	NA	NA	12
XZZXWM	Yfiler™									
	3		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		
							25			12
YJ6VVA	PowerPlex® Y 23									
	3		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
		12	13	17	18		25	9		12
ZGZKKR	Yfiler™									
	3	NA	14	11,14	14	30	23	11	13	13
		15	11	12	18	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	25	NA	NA	12
ZQP9HF	PowerPlex® Y 23									
	3		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
		12	13	17	18		25	9		12
ZRG66N	Yfiler™									
	3	NA	14	11,14	14	30	23	11	13	13
		15	11	12	18	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	25	NA	NA	12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

27FN27	Yfiler™								
3e	[REDACTED]								
286YRY	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
2DVF34	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
2E7DFK	Yfiler™								
3e	[REDACTED]								
2EP78H	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
2F4HFN	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
2HNFK6	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
2PQF7T	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
2UKA4U	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
2WD7TN	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
2YYWUT	Yfiler™ Plus								
3e	[REDACTED]								

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

2ZAWQM	Yfiler™								
3e	[Redacted]								

36GMTT	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

3CKMCV	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

3FC6YL	Yfiler™ Plus Amplification kit								
3e	[Redacted]								

3VQ2MV	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12

44KKMP	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12

47LU9Q	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12

48KVG4	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12

49EQXK	Yfiler™								
3e	[Redacted]								

49T8Y6	Yfiler™								
3e	[Redacted]								

4MVLBV	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

4R9CP4	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
4UWXAE									
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
4XCJ47	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
64D2UH	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
66ADVD	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
6A68TE	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
6AKHBJ	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
6D4DEC	PowerPlex® Y 23								
3e									
6DKU8J	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
6F7K9N	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
6QWWW3	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

6RKHDR	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
6TY373	Yfiler™								
3e									
6WZ49K	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
74V7AV	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
79TMMP	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
7C7HBZ	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
7CTXHP	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
7RKVKK	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
7RZ2XP	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
7U98JQ	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
7X9FNZ	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

7XNY8X	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
7XQB8M	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
7Z9VRH	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
86KZ2W	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
88M7CW	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
8FLE9N	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
8GDM8R	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
8GEBWH	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
8GZQ49	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
8LDNHM	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
8Q3B6F	Yfiler™								
3e									

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

8UKJE2	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

8VWJ4F	Yfiler™ Plus PCR Amplification Kit								
3e									

8YBRRF	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

97UHLE	Yfiler™, PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12

99DM8P	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12

99YX8Y	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12

9L2L2D	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

9LKGHE	Yfiler™ Plus PCR Amplification Kit								
3e									

9NQZJV	PowerPlex® Y 23								
3e									

9PZZLH	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12

9Z3B46	Yfiler™ Plus								
3e									

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

A7PB9K	Yfiler™ Plus								
3e	-	14	-	14	-	-	-	-	-
	-	11	-	-	-	-	-	-	-
	-	-	-	-	18	-	-	-	-
A9T8BZ	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
AE2L2B	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
AEYWVT	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
AMCJCA	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
AMF42X	Yfiler™								
3e									
AN7ETQ	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
AQYFKZ	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
B6QJFB	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
B73ARZ	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
B9ARPV	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

BCMJQW	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
BDJ4BB	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
BJRB2F	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
BKLWWR	Yfiler™ Plus								
3e									
BMVZQ4	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
BUAVLC	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
BYZA7C	Yfiler™								
3e									
BZWL88	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
C2KLHM	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
CGJG4U	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
CHAJRV	Yfiler™								
3e									

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

CVDWXU	Yfiler™								
3e	[REDACTED]								
CVK2HD	PowerPlex® Y 23								
3e	[REDACTED]						11	13	
	[REDACTED]						17	[REDACTED]	
	13		17		[REDACTED]		12		
CYNNHW	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
CZW69F	PowerPlex® Y 23								
3e	14		11,14	14	30	23	11	13	13
	15		11	12	18	16	17		22
	12		13	17	18		25	9	12
D23M7B	PowerPlex® Y 23								
3e	14		11,14	14	30	23	11	13	13
	15		11	12	18	16	17		22
	12		13	17	18		25	9	12
D3FEYR	PowerPlex® Y 23								
3e	14		11,14	14	30	23	11	13	13
	15		11	12	18	16	17		22
	12		13	17	18		25	9	12
D49AF9	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
D6XMR	PowerPlex® Y 23								
3e	14		11,14	14	30	23	11	13	13
	15		11	12	18	16	17		22
	12		13	17	18		25	9	12
D9XYR7	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
DBRB2D	Yfiler™								
3e	[REDACTED]						11	[REDACTED]	
	[REDACTED]						16	[REDACTED]	
DC39FV	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

DGCK3V	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
DLMXH9	PowerPlex® Y 23								
3e	NT	14	11,14	14	30	23	11	13	13
	15	11	12	18	NT	16	17	NT	22
	NT	12	13	17	18	NT	25	9	12
DLPJGA	Yfiler™								
3e									
DTAJWM	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
DU46PD	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
DVGPHN	Yfiler™								
3e		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A		N/A	N/A		
							N/A		N/A
DX798R	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
E2HFAR	Yfiler™ Plus								
3e	36	14	NR	14	NR	NR	11	NR	NR
	15	11	NR	NR	31	NR	NR	NR	NR
	NR	NR	NT	NR	18	NR	NR	NT	NR
E86B2N	PowerPlex® Y 23								
3e									
EB4PND	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
EGQNUR	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

EGRGRZ	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
EHQFB9	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
EP2TY7	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
EV8JAN	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
F4N77Y	Yfiler™ Plus								
3e									
F6UN6V	Yfiler™ Plus								
3e	35,36	14	14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
F7BP7C	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
F8Z688	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
FD8K8G	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
FEHNDR	Yfiler™ Plus								
3e									
FG9UTH	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

FKBLAV	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
FW3DTE	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		12
							25		12
FWGNMD	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
FYLGEQ	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
G78K9E	Yfiler™								
3e	NA	14	11,14	14	30	23	11	13	13
	15	11	12	18	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	25	NA	12
GF8GKF	Yfiler™								
3e									
GJRAWH	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
GPGUW	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		12
							25		12
GTGV99	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
GVFDXM	PowerPlex® Y 23								
3e									
GZDRR6	Yfiler™ Plus								
3e									

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

H4XUHB	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
H7Y67X	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
HAYF2X	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
HBV7GT	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
HCPDWJ	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
HKYTC7	Yfiler™ Plus PCR Amplification Kit								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
HTEFHT	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
HTQGZX	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
HUMTWA	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
HZAR6A	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
J2MCXJ	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

J3A6G2	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

J68ENP	Yfiler™ Plus								
3e									

J7C2AG	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

J9E23M	Yfiler™ Plus									
3e	36							11		

J9JC87	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12

JBPYG4	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12

JC7V94	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

JETM7R	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

JLA4WF	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12

JNERDR	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

JNVR9G	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

K786U4	Yfiler™ Plus PCR Amplification Kit								
3e	[REDACTED]								
K8MBLE	PowerPlex® Y 23								
3e	14	11,14	14	30	23	11	13	13	
	15	11	12	18	16	17		22	
	12	13	17	18		25	9	12	
K9X3RA	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
KA96FU	Yfiler™ Plus								
3e	[REDACTED]								
KDDNM3	PowerPlex® Y 23								
3e	14	11,14	14	30	23	11	13	13	
	15	11	12	18	16	17		22	
	12	13	17	18		25	9	12	
KJW2W2	Yfiler™ Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
KJYMRG	Yfiler™								
3e	14	11,14	14	30	23	11	13	13	
	15	11	12	18	16	17			
						25		12	
KKU7W4	Yfiler™								
3e	[REDACTED]								
KN9XQ4	PowerPlex® Y 23								
3e	14	11,14	14	30	23	11	13	13	
	15	11	12	18	16	17		22	
	12	13	17	18		25	9	12	
KPLDEC	PowerPlex® Y 23								
3e	14	11,14	14	30	23	11	13	13	
	15	11	12	18	16	17		22	
	12	13	17	18		25	9	12	
L2UFDL	Yfiler™								
3e	[REDACTED]								

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

L37CHK	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
L8GJ74	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
LFBBTC	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
LGLDEB	Yfiler™								
3e									
LGNC7X	Yfiler™								
3e	N/T	14	11,14	14	30	23	11	13	13
	15	11	12	18	N/T	16	17	N/T	N/T
	N/T	N/T	N/T	N/T	N/T	N/T	25	N/T	12
LR4YHJ	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
LVB3MT	Yfiler™ Plus								
3e									
LWJF3A	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
LXE8R2	Yfiler™								
3e									
LYCBR4	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
M6RJH8	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

M8YP7T	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
MHGFJ6	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
MKLYQD	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
MLALU2	Yfiler™ Plus PCR Amplification Kit								
3e									
MMVYVK	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
MQB8JK	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16,[[INC]	17		
							25		12
MXF8H	Yfiler™								
3e									
MWR7DX	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
N3KBYE	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
N4WBV9	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
NCMV28	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

NCR9MH	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
NMLB36	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
NQ27J3	Yfiler™								
3e		14	11,14	[14]	[30]	23	[11]	[13]	NA
	15	[11]	12	18		16	17		
							25		12
NWC3FP	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
NXNMKT	PowerPlex® Y 23								
3e									
P7D429	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
P7U2T8	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
PBQUHW	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
PQPKVL	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
PUM7HH	Yfiler™								
3e									
Q3V2WN	Yfiler™ Plus								
3e									

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

Q4PR33	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
Q646TK	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
QDUU8Z	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
QKC4WH	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
QP7XUJ	Yfiler™								
3e									
QPMADN	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
QT7BAV	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
QWQ6B3	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
R9TZXW	Yfiler™ Plus PCR Amplification Kit								
3e									
RGAHK6	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
RHN3DF	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

RJVBDY	PowerPlex® Y 23								
3e	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
RK6K4B	PowerPlex® Y 23								
3e	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
RK7BAU	PowerPlex® Y 23								
3e									
RQB6C3	Yfiler™								
3e	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
					25		12		
RUU9YE	PowerPlex® Y 23								
3e	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
RY64YG	PowerPlex® Y 23								
3e	14	11,14	14	30	23	11	13	13	
	11	12	18	16	17	22			
	12	13	17	18	25	9	12		
RYM7PQ	Yfiler™								
3e	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
					25		12		
T8EYJ3	Yfiler™								
3e	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
					25		12		
T8GJFH	Yfiler™								
3e	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
					25		12		
TBX36D	PowerPlex® Y 23								
3e	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
TFBUJL	Yfiler™ Plus								
3e									

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

TJTYDA	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
TNZQZT	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
U344GD	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
U3EADE	Yfiler™								
3e									
U4XXU	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
U7HVGE	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
U8ELAE	Yfiler™								
3e									
UBVLVL	PowerPlex® Y 23								
3e									
UEQLM3	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
UL9WUC	Yfiler™								
3e									
UQ877Y	Yfiler™ Plus								
3e	35,-	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

UUBVWM	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
UW8TWD	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
V2MEQ7	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
VDUJGY	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
WXXT	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
VX2XR	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
W47UBX	PowerPlex® Y 23								
3e									
WD8G4U	Yfiler™								
3e									
WFYC9C	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
WHMPRU	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
WHQC7M	Yfiler™ Plus								
3e									

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

WLHL89	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
WWK2ZX	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
WXH6Y2	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
WXJ39B	Yfiler™								
3e									
X34JVL	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
X42WFT	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
X76RYV	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
XAPGJ9	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
XGLCJR	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
XJVGWG	Yfiler™ Plus								
3e									
XLMB3X	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

XMDJ2Z	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
XMPHWA	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
XMR93R	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
XMVRTF	Yfiler™ Plus								
3e									
XRMYPB	Yfiler™								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
XTK4BR	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
XV62F9	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
XVQNZC	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
XFUG3	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
XZLF9A	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
Y69PUR	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

Y7YXTU	Yfiler™								
	3e	14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		12
							25		
Y9QTF4	Yfiler™								
	3e	14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		12
							25		
YA3JRT	PowerPlex® Y 23								
	3e	14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
YJCQV9	Yfiler™ Plus								
	3e	35,36	14	11,14	14	30	23	11	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
YJR8NG	PowerPlex® Y 23								
	3e	14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
YK6LCP	PowerPlex® Y 23								
	3e	14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
YR3HT2	Yfiler™ Plus								
	3e	35,36	14	11,14	14	30	23	11	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
YTDF7H	Yfiler™								
	3e	14	11,14	14	30	23	11	13	13
	15	11		18		16	17		12
							25		
ZBUNY7	PowerPlex® Y 23								
	3e	14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
ZC6LCN	PowerPlex® Y 23								
	3e	14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
ZCBV9U	Yfiler™								
	3e	N/A	14	11,14	14	30	23	11	13
	15	11	12	18	N/A	16	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	25	N/A	12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3e - YSTR Results

ZEUZV7	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
ZWXM9Q	Yfiler™ Plus								
3e	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
ZXPJYV	PowerPlex® Y 23								
3e		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
ZY2HRU	Yfiler™								
3e	N/A	14	11,14	14	30	23	11	13	13
	15	11	12	18	N/A	16	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	25	N/A	12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

27FN27	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
286YRY	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
2DVF34	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
2E7DFK	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
2EP78H	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
2F4HFN	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
2HNFK6	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
2PQF7T	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
2UKA4U	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
2WD7TN	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
2YYWUT	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

2ZAWQM	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
36GMTT	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
3CKMCV	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
3FC6YL	Yfiler™ Plus Amplification kit								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
3VQ2MV	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
44KKMP	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
47LU9Q	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
48KVG4	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
49EQXK	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
49T8Y6	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
4MVLBV	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

4R9CP4	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
4UWXAE									
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
4XCJ47	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
64D2UH	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
66ADVD	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
6A68TE	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
6AKHBJ	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
6D4DEC	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
6DKU8J	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
6F7K9N	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
6QWWW3	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

6RKHDR	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
6TY373	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
6WZ49K	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
74V7AV	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
79TMMP	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
7C7HBZ	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
7CTXHP	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
7RKVKK	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
7RZ2XP	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
7U98JQ	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
7X9FNZ	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

7XNY8X	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
7XQB8M	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
7Z9VRH	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
86KZ2W	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
88M7CW	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
8FLE9N	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
8GDM8R	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
8GEBWH	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
8GZQ49	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
8LDNHM	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
8Q3B6F	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

8UKJE2	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
8VVJ4F	Yfiler™ Plus PCR Amplification Kit								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
8YBRRF	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
97UHLE	Yfiler™, PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
99DM8P	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
99YX8Y	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
9L2L2D	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
9LKGHE	Yfiler™ Plus PCR Amplification Kit								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
9NQZJV	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
9PZZLH	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
9Z3B46	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

A7PB9K	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
A9T8BZ	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
AE2L2B	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
AEYWVT	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
AMCJCA	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
AMF42X	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
AN7ETQ	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
AQYFKZ	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
B6QJFB	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
B73ARZ	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
B9ARPV	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

BCMJQW	PowerPlex® Y 23									
	3sp	14	11,14	14	30	23	11	13	13	
	15	11	12	18	16	17	22			
	12	13	17	18		25	9	12		
BDJ4BB	Yfiler™ Plus									
	3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22	
	37	12	17	18	21	25		12		
BJRB2F	PowerPlex® Y 23									
	3sp	14	11,14	14	30	23	11	13	13	
	15	11	12	18	16	17	22			
	12	13	17	18		25	9	12		
BKLWWR	Yfiler™ Plus									
	3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22	
	37	12	17	18	21	25		12		
BMVZQ4	Yfiler™									
	3sp	14	11,14	14	30	23	11	13	13	
	15	11	12	18	16	17	22			
						25		12		
BUAVLC	PowerPlex® Y 23									
	3sp	14	11,14	14	30	23	11	13	13	
	15	11	12	18	16	17	22			
	12	13	17	18		25	9	12		
BYZA7C	Yfiler™									
	3sp	14	11,14	14	30	23	11	13	13	
	15	11	12	18	16	17	22			
						25		12		
BZWL88	Yfiler™									
	3sp	14	11,14	14	30	23	11	13	13	
	15	11	12	18	16	17	22			
						25		12		
C2KLHM	PowerPlex® Y 23									
	3sp	14	11,14	14	30	23	11	13	13	
	15	11	12	18	16	17	22			
	12	13	17	18		25	9	12		
CGJG4U	Yfiler™ Plus									
	3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22	
	37	12	17	18	21	25		12		
CHAJRV	Yfiler™									
	3sp	14	11,14	14	30	23	11	13	13	
	15	11	12	18	16	17	22			
						25		12		

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

CVDWXU	Yfiler™								
	3sp	14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		12
							25		
CVK2HD	PowerPlex® Y 23								
	3sp	14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
CYNNHW	Yfiler™ Plus								
	3sp	35,36	14	11,14	14	30	23	11	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
CZW69F	PowerPlex® Y 23								
	3sp	14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
D23M7B	PowerPlex® Y 23								
	3sp	14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
D3FEYR	PowerPlex® Y 23								
	3sp	14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
D49AF9	Yfiler™ Plus								
	3sp	35,36	14	11,14	14	30	23	11	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
D6XMR	PowerPlex® Y 23								
	3sp	14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
D9XYR7	Yfiler™ Plus								
	3sp	35,36	14	11,14	14	30	23	11	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
DBRB2D	Yfiler™								
	3sp	14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		12
							25		
DC39FV	Yfiler™ Plus								
	3sp	35,36	14	11,14	14	30	23	11	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

DGCK3V	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
DLMXH9	PowerPlex® Y 23								
3sp	NT	14	11,14	14	30	23	11	13	13
	15	11	12	18	NT	16	17	NT	22
	NT	12	13	17	18	NT	25	9	12
DLPJGA	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
DTAJWM	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
DU46PD	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
DVGPHN	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
DX798R	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
E2HFAR	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12	NT	17	18	21	25	NT	12
E86B2N	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
EB4PND	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
EGQNUR	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

EGRGRZ	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
EHQFB9	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
EP2TY7	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
EV8JAN	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
F4N77Y	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
F6UN6V	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
F7BP7C	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
F8Z688	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
FD8K8G	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
FEHNDR	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12	-	17	18	21	25	-	12
FG9UTH	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

FKBLAV 3sp	Yfiler™ Plus								
	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
FW3DTE 3sp	Yfiler™								
		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
FWGNMD 3sp	Yfiler™ Plus								
	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
FYLGEQ 3sp	PowerPlex® Y 23								
		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
G78K9E 3sp	Yfiler™								
	NA	14	11,14	14	30	23	11	13	13
	15	11	12	18	NA	16	17	NA	NA
	NA	NA	NA	NA	NA	NA	25	NA	12
GF8GKF 3sp	Yfiler™								
		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
GJRAWH 3sp	PowerPlex® Y 23								
		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
GPGUW 3sp	Yfiler™								
		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
GTGV99 3sp	PowerPlex® Y 23								
		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
GVFDXM 3sp	PowerPlex® Y 23								
		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
GZDRR6 3sp	Yfiler™ Plus								
	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

H4XUHB	PowerPlex® Y 23								
	3sp	14	11,14	14	30	23	11	13	13
	15	11	12	18	16	17	22		
	12	13	17	18		25	9	12	
H7Y67X	Yfiler™								
	3sp	14	11,14	14	30	23	11	13	13
	15	11	12	18	16	17	22		
						25		12	
HAYF2X	Yfiler™								
	3sp	14	11,14	14	30	23	11	13	13
	15	11	12	18	16	17	22		
						25		12	
HBY7GT	Yfiler™ Plus								
	3sp	35,36	14	11,14	14	30	23	11	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
HCPDWJ	Yfiler™ Plus								
	3sp	35,36	14	11,14	14	30	23	11	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
HKYTC7	Yfiler™ Plus PCR Amplification Kit								
	3sp	35,36	14	11,14	14	30	23	11	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
HTEFHT	Yfiler™ Plus								
	3sp	35,36	14	11,14	14	30	23	11	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
HTQGXZ	Yfiler™								
	3sp	14	14	14	30	23	11	13	13
	15	11	12	18	16	17	22		
						25		12	
HUMTWA	PowerPlex® Y 23								
	3sp	14	11,14	14	30	23	11	13	13
	15	11	12	18	16	17	22		
	12	13	17	18		25	9	12	
HZAR6A	Yfiler™								
	3sp	14	11,14	14	30	23	11	13	13
	15	11	12	18	16	17	22		
						25		12	
J2MCXJ	Yfiler™ Plus								
	3sp	35,36	14	11,14	14	30	23	11	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

J3A6G2	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
J68ENP	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
J7C2AG	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
J9E23M	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
J9JC87	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
JBPYG4	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
JC7V94	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
JETM7R	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
JLA4WF	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
JNERDR	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
JNVR9G	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

K786U4	Yfiler™ Plus PCR Amplification Kit								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
K8MBLE	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
K9X3RA	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
KA96FU	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
KDDNM3	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
KJW2W2	Yfiler™ Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
KJYMRG	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
KKU7W4	Yfiler™								
3sp	NA	14	11,14	14	30	23	11	13	13
	15	11	12	18	NA	16	17		
							25		12
KN9XQ4	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
KPLDEC	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
L2UFDf	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

L37CHK	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
L8GJ74	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
LFBBTC	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
LGLDEB	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
LGNC7X	Yfiler™								
3sp	N/T	14	11,14	14	30	23	11	13	13
	15	11	12	18	N/T	16	17	N/T	N/T
	N/T	N/T	N/T	N/T	N/T	N/T	25	N/T	12
LR4YHJ	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
LVB3MT	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
LWJF3A	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
LXE8R2	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12
LYCBR4	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
M6RJH8	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
							25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

M8YP7T	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
MHGFJ6	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
MKLYQD	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
MLALU2	Yfiler™ Plus PCR Amplification Kit								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
MMVYVK	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
MQB8JK	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
MXF8H	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
MWR7DX	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
N3KBYE	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
N4WBV9	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
NCMV28	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

NCR9MH	Yfiler™ Plus									
	3sp	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25			12
NMLB36	Yfiler™ Plus									
	3sp	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25			12
NQ27J3	Yfiler™									
	3sp		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
							25			12
NWC3FP	Yfiler™ Plus									
	3sp	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25			12
NXNMKT	PowerPlex® Y 23									
	3sp		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
		12	13	17	18		25	9		12
P7D429	Yfiler™									
	3sp		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
							25			12
P7U2T8	Yfiler™ Plus									
	3sp	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25			12
PBQUHW	Yfiler™ Plus									
	3sp	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25			12
PQPKVL	Yfiler™ Plus									
	3sp	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25			12
PUM7HH	Yfiler™									
	3sp		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
							25			12
Q3V2WN	Yfiler™ Plus									
	3sp	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25			12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

Q4PR33	Yfiler™ Plus									
	3sp	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12	
Q646TK	Yfiler™ Plus									
	3sp	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12	
QDUU8Z	PowerPlex® Y 23									
	3sp		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
		12	13	17	18		25	9	12	
QKC4WH	Yfiler™									
	3sp		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
							25		12	
QP7XUJ	Yfiler™									
	3sp		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
							25		12	
QPMADN	Yfiler™ Plus									
	3sp	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12	
QT7BAV	Yfiler™ Plus									
	3sp	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12	
QWQ6B3	Yfiler™ Plus									
	3sp	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12	
R9TZXW	Yfiler™ Plus PCR Amplification Kit									
	3sp	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12	
RGAHK6	PowerPlex® Y 23									
	3sp		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
		12	13	17	18		25	9	12	
RHN3DF	PowerPlex® Y 23									
	3sp		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
		12	13	17	18		25	9	12	

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

RJVBDY	PowerPlex® Y 23								
3sp	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
RK6K4B	PowerPlex® Y 23								
3sp	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
RK7BAU	PowerPlex® Y 23								
3sp	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
RQB6C3	Yfiler™								
3sp	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
					25		12		
RUU9YE	PowerPlex® Y 23								
3sp	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
RY64YG	PowerPlex® Y 23								
3sp	14	11,14	14	30	23	11	13	13	
	11	12	18	16	17	22			
	12	13	17	18	25	9	12		
RYM7PQ	Yfiler™								
3sp	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
					25		12		
T8EYJ3	Yfiler™								
3sp	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
					25		12		
T8GJFH	Yfiler™								
3sp	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
					25		12		
TBX36D	PowerPlex® Y 23								
3sp	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
TFBUJL	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

TJTYDA	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
TNZQZT	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
U344GD	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
U3EADE	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
U4XXU	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
U7HVGE	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
U8ELAE	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
UBVLVL	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
UEQLM3	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
UL9WUC	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
UQ877Y	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

UUBVWM	PowerPlex® Y 23								
3sp	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
UW8TWD	PowerPlex® Y 23								
3sp	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
V2MEQ7	Yfiler™								
3sp	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
					25	12			
VDUJGY	Yfiler™								
3sp	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
					25	12			
WXXT	PowerPlex® Y 23								
3sp	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
VX2RX	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12	17	18	21	25	12		
W47UBX	PowerPlex® Y 23								
3sp	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
WD8G4U	Yfiler™								
3sp	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
					25	12			
WFYC9C	PowerPlex® Y 23								
3sp	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
	12	13	17	18	25	9	12		
WHMPRU	Yfiler™								
3sp	14	11,14	14	30	23	11	13	13	
	15	12	18	16	17	22			
					25	12			
WHQC7M	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12	17	18	21	25	12		

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

WLHL89	Yfiler™ Plus									
	3sp	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25			12
WWK2ZX	Yfiler™ Plus									
	3sp	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25			12
WXH6Y2	PowerPlex® Y 23									
	3sp		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
		12	13	17	18		25	9		12
WXJ39B	Yfiler™									
	3sp		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
							25			12
X34JVL	Yfiler™ Plus									
	3sp	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25			12
X42WFT	Yfiler™									
	3sp		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
							25			12
X76RYV	Yfiler™ Plus									
	3sp	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25			12
XAPGJ9	PowerPlex® Y 23									
	3sp		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
		12	13	17	18		25	9		12
XGLCJR	Yfiler™									
	3sp		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
							25			12
XJVGWG	Yfiler™ Plus									
	3sp	35,36	14	11,14	14	30	23	11	13	13
		15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25			12
XLMB3X	Yfiler™									
	3sp		14	11,14	14	30	23	11	13	13
		15	11	12	18		16	17		22
							25			12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

XMDJ2Z	Yfiler™								
	3sp	14	11,14	14	30	23	11	13	13
		15	12	18		16	17		12
							25		
XMPHWA	PowerPlex® Y 23								
	3sp	14	11,14	14	30	23	11	13	13
		15	12	18		16	17		22
		12	13	17	18		25	9	12
XMR93R	PowerPlex® Y 23								
	3sp	14	11,14	14	30	23	11	13	13
		15	12	18		16	17		22
		12	13	17	18		25	9	12
XMVRTF	Yfiler™ Plus								
	3sp	35,36	14	11,14	14	30	23	11	13
		15	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
XRMYPB	Yfiler™								
	3sp	14	11,14	14	30	23	11	13	13
		15	12	18		16	17		12
							25		
XTK4BR	Yfiler™ Plus								
	3sp	35,36	14	11,14	14	30	23	11	13
		15	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
XV62F9	PowerPlex® Y 23								
	3sp	14	11,14	14	30	23	11	13	13
		15	12	18		16	17		22
		12	13	17	18		25	9	12
XVQNZC	Yfiler™ Plus								
	3sp	35,36	14	11,14	14	30	23	11	13
		15	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
XXFUG3	Yfiler™ Plus								
	3sp	35,36	14	11,14	14	30	23	11	13
		15	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
XZLF9A	Yfiler™ Plus								
	3sp	35,36	14	11,14	14	30	23	11	13
		15	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
Y69PUR	Yfiler™ Plus								
	3sp	35,36	14	11,14	14	30	23	11	13
		15	12	18	31	16	17	11	22
	37	12		17	18	21	25		12

TABLE 3

WebCode	Amplification Kit								
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

Y7YXTU	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
Y9QTF4	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
YA3JRT	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
YJCQV9	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
YJR8NG	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
YK6LCP	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
YR3HT2	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
YTDF7H	Yfiler™								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		
							25		12
ZBUNY7	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
ZC6LCN	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
ZCBV9U	Yfiler™								
3sp	N/A	14	11,14	14	30	23	11	13	13
	15	11	12	18	N/A	16	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	25	N/A	12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 3sp - YSTR Results

ZEUZV7	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
ZWXM9Q	Yfiler™ Plus								
3sp	35,36	14	11,14	14	30	23	11	13	13
	15	11	12	18	31	16	17	11	22
	37	12		17	18	21	25		12
ZXPJVY	PowerPlex® Y 23								
3sp		14	11,14	14	30	23	11	13	13
	15	11	12	18		16	17		22
		12	13	17	18		25	9	12
ZY2HRU	Yfiler™								
3sp	N/A	14	11,14	14	30	23	11	13	13
	15	11	12	18	N/A	16	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	25	N/A	12

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 4 - YSTR Results

2VWAZN	Yfiler™ Plus								
4	[REDACTED]								

36GMTT	Yfiler™ Plus								
4	---	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---

88M7CW	PowerPlex® Y 23								
4	[REDACTED]								

8GZQ49	Yfiler™								
4	No result	No result	No result	No result	No result	No result	No result	No result	No result
	No result	No result	No result	No result	No result	No result	No result	No result	No result
						No result		No result	No result

D6MXR	PowerPlex® Y 23								
4	[REDACTED]								

E2HFAR	Yfiler™ Plus								
4	[REDACTED]								

F8Z688	PowerPlex® Y 23								
4	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR

FB37AP	PowerPlex® Y 23								
4	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-

JHMDH6	Yfiler™ Plus								
4	[REDACTED]								

NQ27J3	Yfiler™								
4	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
						NA		NA	NA

NWC3FP	Yfiler™ Plus								
4	[REDACTED]								

TABLE 3

WebCode	Amplification Kit								
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4

Item 4 - YSTR Results

WebCode	Yfiler™ Plus								
PBQUHW	Yfiler™ Plus								
4	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
Q4PR33	Yfiler™ Plus								
4	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-		-	-	-	-		-
VX2XRX	Yfiler™ Plus								
4	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-		-	-	-	-		-

Additional DNA Results

TABLE 4

Additional DNA results found to be concordant at a pre-existing locus are retained solely within the applicable tables. Non-concordant results and results for loci not found elsewhere will remain in this table.

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4
AMELOGENIN	HKYTC7			X,Y			
CSF1PO	HKYTC7			11,12			
D10S1248	HKYTC7			13,14			
D12S391	HKYTC7			18,21,24,26			
D13S317	HKYTC7			8,11,12			
D16S539	HKYTC7			9,11,12,13			
D18S51	HKYTC7			12,17,18,19			
D19S433	HKYTC7			13,15,16			
D1S1656	HKYTC7			12,13,14,18.3			
D21S11	HKYTC7			29,31.2			
D22S1045	HKYTC7			11,15,16			
D2S1338	HKYTC7			17,18,21,26			
D2S441	HKYTC7			11,12,14			
D3S1358	HKYTC7			15,16,19			
D5S818	HKYTC7			8,13,14			
D7S820	HKYTC7			7,9,10,12			
D8S1179	HKYTC7			13,14,15			
DYS391	HKYTC7			11			
FGA	HKYTC7			20,22,23			
QS1	8FKLAG				Q	Q	Q
	ADAL4Z	Q	Q		Q	Q	Q
	FDCWTR	Q	Q		Q	Q	Q
	WWRYJB	Q	Q		Q	Q	Q
QS2	8FKLAG				S	S	S
	ADAL4Z	S	S		S	S	S
	FDCWTR	S	S		S	S	S
	WWRYJB	S	S		S	S	S
SE33	HKYTC7			16,23,27.2,32.2			

TABLE 4

Additional DNA results found to be concordant at a pre-existing locus are retained solely within the applicable tables. Non-concordant results and results for loci not found elsewhere will remain in this table.

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4
TH01	HKYTC7			6,7			
TPOX	HKYTC7			8			
VWA	HKYTC7			15,16,17			
Y INDEL	HKYTC7			2			

Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1

Polymorphisms from Reference Sequence

	16220.0	16293.0	16311.0
ITEM 1			
2XZYC6	G	G	C
3FC6YL	G	G	C
3K9P46	G	G	C
6KFNBj	G	G	C
7HC7XA	G	G	C
7J7XM2	G	G	C
8GZQ49	G	G	C
8VVJ4F	G	G	C
8XZZLJ	G	G	C
9KB63Y	G	G	C
9LKGHE	G	G	C
A7PCRW	G	G	C
BDH4DW	G	G	C
D66RGA	G	G	C
E9X98A	G	G	C
FB37AP	G	G	C
FGLAGR	G	G	C
FWGNMD	G	G	C
GEUWT7	G	G	C
GV2UEQ	G	G	C
K786U4	G	G	C
K9X3RA	G	G	C
L8H8JM	G	G	C
LXAQT3	G	G	C
MHGFJ6	G	G	C
MLALU2	G	G	C
PL7GUH	G	G	C
QKAMAJ	G	G	C
QRVBD2	G	G	C
R9TZXW	G	G	C
U8DF6D	G	G	C
U93YRW	G	G	C
UX3DJD	G	G	C
W47UBX	G	G	C
W6XQZR	G	G	C
WEZCJC	G	G	C
WLHL89	G	G	C
XNK4J9	G	G	C
YJ6VVA	G	G	C
ZGZKKR	G	G	C
ZRG66N	G	G	C
ZTPLV8	G	G	C

TABLE 5a - ITEM 2
Polymorphisms from Reference Sequence

16362.0	
ITEM 2	
2XZC6	C
3FC6YL	C
3K9P46	C
6KFNBK	C
7HC7XA	C
7J7XM2	C
8GZQ49	C
8VJ4F	C
8XZZLJ	C
9KB63Y	C
9LKGHE	C
A7PCRW	C
BDH4DW	C
D66RGA	C
E9X98A	C
FB37AP	C
FGLAGR	C
FWGNMD	C
GEUWT7	C
GV2UEQ	C
K786U4	C
K9X3RA	C
L8H8JM	C
LXAQT3	C
MHGFJ6	C
MLALU2	C
PL7GUH	C
QKAMAJ	C
QRVBD2	C
R9TZXW	C
U8DF6D	C
U93YRW	C
UX3DJD	C
W47UBX	C
W6XQZR	C
WEZCJC	C
WLHL89	C
XNK4J9	C
YJ6VVA	C
ZGZKKR	C
ZRG66N	C
ZTPLV8	C

TABLE 5a - ITEM 3
Polymorphisms from Reference Sequence

	16220.0	16293.0	16311.0
ITEM 3			
6KFNB	G	G	C
9KB63Y	G	G	C
A7PCRW	G	G	C
FGLAGR	G	G	C
GV2UEQ	G	G	C
U8DF6D	G	G	C
W6XQZR	G	G	C
ZGZKKR	G	G	C
ZTPLV8	G	G	C

TABLE 5a - ITEM 4

Polymorphisms from Reference Sequence

	16220.0	16293.0	16311.0
ITEM 4			
2XZYC6	G	G	C
6KFNBj	G	G	C
7HC7XA	G	G	C
7J7XM2	G	G	C
8GZQ49	G	G	C
8XZZLJ	G	G	C
9KB63Y	G	G	C
A7PCRW	G	G	C
BDH4DW	G	G	C
D66RGA	G	G	C
E9X98A	G	G	C
FB37AP	G	G	C
FGLAGR	G	G	C
FWGNMD	G	G	C
GEUWT7	G	G	C
GV2UEQ	G	G	C
K9X3RA	G	G	C
LXAQT3	G	G	C
MHGFJ6	G	G	C
PL7GUH	G	G	C
QKAMAJ	G	G	C
QRVBD2	G	G	C
U8DF6D	G	G	C
U93YRW	G	G	C
UX3DJD	G	G	C
W47UBX	G	G	C
W6XQZR	G	G	C
WLHL89	G	G	C
XNK4J9	G	G	C
YJ6VVA	G	G	C
ZGZKKR	G	G	C
ZRG66N	G	G	C
ZTPLV8	G	G	C

Mitochondrial DNA - HVRI Results

TABLE 5b

Bases Sequenced: HVR I

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
2XZYC6	16024-16391	16024-16391	Inconclusive	16024-16529
3FC6YL	16024-16365	16024-16365		
3K9P46	15998-16400	15998-16400		
6KFNBj	16000-16356	16000-16356	16000-16356	16000-16356
7HC7XA	16024-16365	16024-16365	Not tested for mtDNA	16024-16365
7J7XM2	16024-16569	16024-16569	Inconclusive	16024-16391
8GZQ49	16024-16365	16024-16365	Not Tested	16024-16365
8VVJ4F	16024-16365	16024-16365		
8XZZLJ	16016-16390	16015-16376	NA	15998-16390
9KB63Y	16024-16569	16024-16569	16024-16569	16024-16569
9LKGHE	16024-16365	16024-16365		
A7PCRW	16024-16569	16024-16569	16024-16569	16024-16569
BDH4DW	16024-16569	16024-16569	Inconclusive	16024-16391
D66RGA	15998-16390	15999-16390	INC	15998-16390
E9X98A	16005-16376	15998-16390	INC	15999-16390
FB37AP	1600-16390	1600-16390		1600-16390
FGLAGR	16024-16569	16024-16569	16024-16391	16024-16391
FWGNMD	16019-16374	16019-16374		16019-16374
GEUWT7	16030-16383	16030-16383		16030-16383
GV2UEQ	16024-16569	16024-16569	16024-16391	16024-16391
K786U4	16024-16365	16024-16365		
K9X3RA	16024-16565	16024-16565		16024-16565
L8H8JM	15998-16400	15998-16400		
LXAQT3	15998-16390	16022-16366	NA	16001-16387
MHGFJ6	16019-16374	16019-16374		16019-16374
MLALU2	16024-16365	16024-16365		
PL7GUH	16024-16569	16024-16569	INCONCLUSIVE	16024-16569
QKAMAJ	16001-16569	16001-16569		15998-16390
QRVBD2	16015-16376	16015-16390	NA	16013-16369
R9TZXW	16024-16365	16024-16365		
U8DF6D	16024-16569	16024-16569	16024-16569	16024-16569
U93YRW	16015-16376	16015-16390	NA	16013-16369
UX3DJD	16024-16569	16024-16569	INCONCLUSIVE	16024-16391
W47UBX	16024-16569	16024-16569		16024-16569
W6XQZR	16015-16390	16015-16390	16008-16390	16015-16371
WEZCJC	15998-16400	15998-16400		
WLHL89	16021-16400	16021-16400		16021-16400
XNK4J9	16024-16569	16024-16569	INCONCLUSIVE	16024-16569
YJ6VVA	16024-16365	16024-16365		16024-16365
ZGZKKR	15998-16390	15998-16390	15998-16390	15998-16390
ZRG66N	15998-16390	15998-16390	NA	15998-16390
ZTPLV8	16024-16569	16024-16569	16024-16391	16024-16391

Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

ITEM 1	-524.2	-524.1	-315.1	-309.1	195.0	263.0	309.1	315.1	524.1	524.2	574.0
2XZC6					C	G	C INS	C INS			
3FC6YL					C	G	C	C			
3K9P46					C	G	C	C			
6KFNB					C	G	C	C			
7HC7XA					C	G		C			
7J7XM2					C	G	C INS	C INS	A INS	C INS	
8GZQ49					C	G		C			
8VVJ4F					C	G	C	C			
8XZZLJ					C	G	C	C			
9KB63Y					C	G	C INS	C INS	A INS	C INS	
9LKGHE					C	G	C	C			
A7PCRW					C	G	C INS	C INS	A INS	C INS	
BDH4DW					C	G	C INS	C INS	A INS	C INS	N
D66RGA					C	G	C	C			
E9X98A					C	G	C	C			
FB37AP					C	G	C	C			
FGLAGR					C	G	C Ins	C Ins	A Ins	C Ins	
FWGNMD					C	G	C	C			
GEUWT7					C	G	C	C			
GV2UEQ					C	G	C INS	C INS	A INS	C INS	
K786U4					C	G	C	C			
K9X3RA					C	G	C	C	A	C	
L8H8JM					C	G	C	C			
LXAQT3					C	G	C	C			
MHGFJ6					C	G	C	C			
MLALU2					C	G	C	C			
PL7GUH					C	G	C INS	C INS	A INS	C INS	
QKAMAJ					C	G	C	C	A	C	
QRVBD2					C	G	C	C			
R9TZXW					C	G	C	C			
U8DF6D					C	G	C INS	C INS	A INS	C INS	
U93YRW					C	G	C	C			
UX3DJD					C	G	C INS	C INS	A INS	C INS	
W47UBX	C	A	C	C	C	G					
W6XQZR					C	G	C	C			
WEZCJC					C	G	C	C			
WLHL89					C	G	C	C			
XNK4J9					C	G	C ins	C ins	A ins	C ins	
YJ6VVA					C	G	C	C			
ZGZKKR					C	G	C	C			
ZRG66N					C	G	C	C			
ZTPLV8					C	G	C INS	C INS	A INS	C INS	

TABLE 6a - ITEM 2

Polymorphisms from Reference Sequence

	-315.1	-309.2	-309.1	239.0	263.0	309.1	309.2	309.3	315.1
ITEM 2									
2XZYC6				C	G	C INS	C INS		C INS
3FC6YL				C	G	C			C
3K9P46				C	G	C	C		C
6KFNBj				C	G		C		C
7HC7XA				C	G	C			C
7J7XM2				C	G	C INS	C INS		C INS
8GZQ49				C	G	C			C
8VJ4F				C	G	C			C
8XZZLj				C	G	C	C		C
9KB63Y				C	G	C INS	C INS		C INS
9LKGHE				C	G	C			C
A7PCRw				C	G	C INS	C INS		C INS
BDH4DW				C	G	C INS	C INS		C INS
D66RGA				C	G	C	C		C
E9X98A				C	G	C	C		C
FB37AP				C	G	C	C		C
FGLAGR				C	G	C Ins	C Ins		C Ins
FWGNMD				C	G	C	C		C
GEUWT7				C	G	C	C		C
GV2UEQ				C	G	C INS	C INS		C INS
K786U4				C	G	C			C
K9X3RA				C	G	C	C		C
L8H8JM				C	G	C	C		C
LXAQT3				C	G	C	C		C
MHGFJ6				C	G	C	C		C
MLALU2				C	G	C			C
PL7GUH				C	G	C INS	C INS		C INS
QKAMAJ				C	G	C	C	N	C
QRVBD2				C	G	C	C		C
R9TZxw				C	G	C			C
U8DF6D				C	G	C INS	C INS		C INS
U93YRW				C	G	C	C		C
UX3DJD				C	G	C INS	C INS		C INS
W47UBX	C	C	C	C	G				
W6XQZR				C	G	C	C		C
WEZCJC				C	G	C	C		C
WLHL89				C	G	C	C		C
XNK4J9				C	G	C ins	C ins		C ins
YJ6VVA				C	G	C	C		C
ZGZKKR				C	G	C	C		C
ZRG66N				C	G	C	C		C
ZTPLV8				C	G	C INS	C INS		C INS

TABLE 6a - ITEM 3

Polymorphisms from Reference Sequence

	195.0	239.0	263.0	309.1	315.1	524.1	524.2
ITEM 3							
9KB63Y	C		G	C INS	C INS	A INS	C INS
A7PCRW	C		G	C INS	C INS	A INS	C INS
FGLAGR	C		G	C Ins	C Ins		
GV2UEQ	C		G	C INS	C INS		
U8DF6D	C		G	C INS	C INS	A INS	C INS
W6XQZR	C	Y	G	C	C		
ZGZKKR	C	Y	G	C	C		
ZTPLV8	C		G	C INS	C INS		

TABLE 6a - ITEM 4

Polymorphisms from Reference Sequence

	-524.2	-524.1	-315.1	-309.1	195.0	263.0	309.1	315.1	524.1	524.2
ITEM 4										
2XZYC6					C	G	C INS	C INS		
6KFNBj					C	G	C	C		
7HC7XA					C	G		C		
7J7XM2					C	G	C INS	C INS		
8GZQ49					C	G	C	C		
8XZZLJ					C	G	C	C		
9KB63Y					C	G	C INS	C INS	A INS	C INS
A7PCRW					C	G	C INS	C INS	A INS	C INS
BDH4DW					C	G	C INS	C INS		
D66RGA					C	G	C	C		
E9X98A					C	G	C	C		
FB37AP					C	G	C	C		
FGLAGR					C	G	C Ins	C Ins		
FWGNMD					C	G	C	C		
GEUWT7					C	G	C	C		
GV2UEQ					C	G	C INS	C INS		
K9X3RA					C	G	C	C	A	C
LXAQT3					C	G	C	C		
MHGFJ6					C	G	C	C		
PL7GUH					C	G	C INS	C INS	A INS	C INS
QKAMAJ					C	G	C	C		
QRVBD2					C	G	C	C		
U8DF6D					C	G	C INS	C INS	A INS	C INS
U93YRW					C	G	C	C		
UX3DJD					C	G	C INS	C INS		
W47UBX	C	A	C	C	C	G				
W6XQZR					C	G	C	C		
WLHL89					C	G	C	C		
XNK4J9					C	G	C ins	C ins	A ins	C ins
YJ6VVA					C	G	C	C		
ZGZKKR					C	G	C	C		
ZRG66N					C	G	C	C		
ZTPLV8					C	G	C INS	C INS		

Mitochondrial DNA - HVRII Results

TABLE 6b

Bases Sequenced: HVR II

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
2XZC6	39-464	39-464	Inconclusive	39-464
3FC6YL	73-340	73-340		
3K9P46	30-407	30-407		
6KFNB	60-375	60-375		60-375
7HC7XA	73-340	73-340	Not tested for mtDNA	73-340
7J7XM2	1-576	1-576	Inconclusive	39-367
8GZQ49	73-340	73-340	Not test	73-340
8VVJ4F	73-340	73-340		
8XZZLJ	64-392	63-392	NA	50-403
9KB63Y	1-576	1-576	1-576	1-576
9LKGHE	73-340	73-340		
A7PCRW	1-576	1-576	1-576	1-576
BDH4DW	1-576	1-576	Inconclusive	39-464
D66RGA	64-378	64-392	INC	63-393
E9X98A	50-390	50-402	INC	50-404
FB37AP	45-390	45-390		45-390
FGLAGR	1-576	1-576	35-369	35-369
FWGNMD	61-385	61-385		61-385
GEUWT7	67-380	67-380		67-380
GV2UEQ	1-576	1-576	35-464	35-464
K786U4	73-340	73-340		
K9X3RA	1-576	1-576		1-576
L8H8JM	30-407	30-407		
LXAQT3	64-392	65-392	NA	64-392
MHGFJ6	61-385	61-385		61-385
MLALU2	73-340	73-340		
PL7GUH	1-576	1-576	INCONCLUSIVE	1-576
QKAMAJ	1-544	1-544		39-367
QRVBD2	64-393	64-392	NA	64-391
R9TZXW	73-340	73-340		
U8DF6D	1-576	1-576	1-576	1-576
U93YRW	64-392	64-391	NA	64-391
UX3DJD	1-576	1-576	INCONCLUSIVE	35-464
W47UBX	1-576	1-576		1-576
W6XQZR	71-391	65-385	73-365	64-366
WEZCJC	30-407	30-407		
WLHL89	66-390	66-390		66-390
XNK4J9	1-576	1-576	INCONCLUSIVE	1-576
YJ6VVA	173-340	173-340		173-340
ZGZKKR	64-391	64-392	64-392	64-392
ZRG66N	65-392	64-392	NA	64-392
ZTPLV8	1-576	1-576	39-464	35-464

DNA Interpretations

Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?

TABLE 7

WebCode	Victim (Item 1)		Suspect (Item 2)		WebCode	Victim (Item 1)		Suspect (Item 2)	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
2278RG	Yes	Yes	Yes	No	2YYWUT	Yes	Yes	Yes	No
23EPHZ	Yes	Yes	Yes	No	2ZAWQM	Yes	Yes	Yes	No
24DG69	Yes	Yes	Yes	No	3233TY	Yes	Yes	Yes	No
27FN27	Yes	Yes	Yes	No	34496J	Yes	Yes	Yes	No
286YRY	Yes	Yes	Yes	No	34M6J6	Yes	Yes	Yes	No
29HF6C	No Interpretations Reported, DNA Analyzed for Database purposes only.				36D8D8	No Interpretations Reported, DNA Analyzed for Database purposes only.			
2AWWMK	No Interp	No Interp	No Interp	No Interp	36GMITT	Yes	Yes	Yes	No
2DVF34	Yes	Yes	Yes	No	36XY9D	Yes	Yes	Yes	No
2DWZGR	Yes	Yes	Yes	No	37BLTD	Yes	Yes	Yes	No
2E7DFK	Yes	Yes	Yes	No	3B7D2A	Yes	Yes	Yes	No
2EP78H	Yes	Yes	Yes	No	3CKMCMV	Yes	Yes	Yes	No
2F4HFN	Yes	Yes	Yes	No	3FC6YL	Yes	Yes	Yes	No
2F8XUA	Yes	Yes	Yes	No	3K9P46	No Interp	No Interp	No Interp	No Interp
2HNFK6	Yes	Yes	Yes	No	3NANMB	Yes	Yes	Yes	No
2JZB6C	Yes	Yes	Yes	No	3NUEMH	Yes	Yes	Yes	No
2KX868	Yes	Yes	Yes	No	3TJQN7	Yes	Yes	Yes	No
2PQF7T	Yes	Yes	Yes	No	3VQ2MV	Yes	Yes	Yes	No
2UKA4U	Yes	Yes	Yes	No	3YUZXM	Yes	Yes	Yes	No
2VWAZN	Yes	Yes	Yes	No	44HUG7	Yes	Yes	Yes	No
2WD7TN	Yes	Yes	Yes	No	44KKMP	Yes	Yes	Yes	No
2XZYC6	Inc	Yes	Inc	No	44Z48L	Yes	Yes	Yes	No
2YFDLZ	Yes	Yes	Yes	No	47LU9Q	Yes	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
48J8UX	Yes	Yes	Yes	No	67JH92	Yes	Yes	Yes	No
48KVG4	Yes	Yes	Yes	No	6A68TE	Yes	Yes	Yes	No
49EQXK	Yes	Yes	Yes	No	6AKHBJ	Yes	Yes	Yes	No
49T8Y6	Yes	Yes	Yes	No	6D4DEC	Yes	Yes	Yes	No
4AA2YF	Yes	Yes	Yes	No	6D4MXV	Yes	Yes	Yes	No
4ARBQV	Yes	Yes	Yes	No	6DKU8J	Yes	Yes	Yes	No
4BYFHX	Yes	Yes	Yes	No	6F7K9N	Yes	Yes	Yes	No
4EZGKF	Yes	Yes	Yes	No	6G4XTV	Yes	Yes	Yes	No
4FYL2A	Yes	Yes	Yes	No	6K387H	Yes	Yes	Yes	No
4JCGPK	Yes	Yes	Yes	No	6KFNBj	Yes	Yes	Yes	No
4K79VY	Yes	Yes	Yes	No	6LU94U	Yes	Yes	Yes	No
4K8ACQ	Yes	Yes	Yes	No	6M8VMT	Yes	Yes	Yes	No
4LG2K8	No Interpretations Reported, DNA Analyzed for Database purposes only.				6QWWV3	Yes	Yes	Yes	No
4MFD9M	Yes	Yes	Yes	No	6R6ABJ	Yes	Yes	Yes	No
4MVLBV	Yes	Yes	Yes	No	6RKHDR	Yes	Yes	Yes	No
4N7K8Q	Yes	Yes	Yes	No	6TY373	Yes	Yes	Yes	No
4PYGUY	Yes	Yes	Yes	No	6UCE3L	Yes	Yes	Yes	No
4R9CP4	Yes	Yes	Yes	No	6WZ49K	Yes	Yes	Yes	No
4T4Z4T	Yes	Yes	Yes	No	74V7AV	Yes	Yes	Yes	No
4UWXAE	Yes	Yes	Yes	No	79TMMP	Yes	Yes	Yes	No
4VNUWM	Yes	Yes	Yes	No	7C7HBZ	Yes	Yes	Yes	No
4XCJ47	Yes	Yes	Yes	No	7CTXHP	Yes	Yes	Yes	No
64D2UH	Yes	Yes	Yes	No	7GE2Y8	Yes	Yes	Yes	No
66ADVD	Yes	Yes	Yes	No	7GJ9TN	Yes	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
7GZNV	Yes	Yes	Yes	No	8GDM8R	Yes	Yes	Yes	No
7HC7XA	Yes	Yes	Yes	No	8GEBWH	Yes	Yes	Yes	No
7HGHL7	Yes	Yes	Yes	No	8GECDA	Yes	Yes	Yes	No
7J7XM2	Inc	Yes	Inc	No	8GW7EK	No Interpretations Reported, DNA Analyzed for Database purposes only.			
7MRQT2	Yes	Yes	Yes	No	8GZQ49	Yes	Yes	Yes	No
7R4UJ4	Yes	Yes	Yes	No	8LDNHM	Yes	Yes	Yes	No
7RKVKK	Yes	Yes	Yes	No	8NGJ2P	Yes	Yes	Yes	No
7RZ2XP	Yes	Yes	Yes	No	8Q3B6F	Yes	Yes	Yes	No
7U98JQ	Yes	Yes	Yes	No	8UKJE2	Yes	Yes	Yes	No
7X9FNZ	Yes	Yes	Yes	No	8WJ4F	Yes	Yes	Yes	No
7XNY8X	Yes	Yes	Yes	No	8WU92J	Yes	Yes	Yes	No
7XQB8M	Yes	Yes	Yes	No	8XZZLJ	No Interp	Yes	Yes	No
7Z9VRH	Yes	Yes	Yes	No	8YBRRF	Yes	Yes	Yes	No
84R6KF	Yes	Yes	Yes	No	8ZPD43	No Interpretations Reported, DNA Analyzed for Database purposes only.			
86KZ2W	Yes	Yes	Yes	No	97P49D	Yes	Yes	Yes	No
87GC27	Yes	Yes	Yes	No	97UHLE	Yes	Yes	Yes	No
88M7CW	Yes	Yes	Yes	No	99DM8P	Yes	Yes	Yes	No
88QLRH	Yes	Yes	Yes	No	99YX8Y	Yes	Yes	Yes	No
8AGHL4	No Interp	No Interp	No Interp	No Interp	9FFMTD	Yes	Yes	Yes	No
8CJGXW	Yes	Yes	Yes	No	9FJ39Y	Yes	Yes	Yes	No
8EBCLQ	Yes	Yes	Yes	No	9FYBDT	Yes	Yes	Yes	No
8FKLAG	Yes	Yes	Yes	No	9GAEH6	Yes	Yes	Yes	No
8FLE9N	Yes	Yes	Yes	No	9HZKYV	Yes	Yes	Yes	No
8GB2BC	Yes	Yes	Yes	No	9K9NT8	Yes	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
9K9QKW	Yes	Yes	Yes	No	AL3TPR	Yes	Yes	Yes	No
9KAL43	Yes	Yes	Yes	No	AMCJCA	Yes	Yes	Yes	No
9KB63Y	Yes	Yes	No	No	AMF42X	Yes	Yes	Yes	No
9L2L2D	Yes	Yes	Yes	No	AMF7TN	Yes	Yes	Yes	No
9LKGHE	Yes	Yes	Yes	No	AN7ETQ	Yes	Yes	Yes	No
9MUEWW	Yes	Yes	Yes	No	APDXAY	No Interpretations Reported, DNA Analyzed for Database purposes only.			
9NQZJV	Yes	Yes	Yes	No	AQCU9A	Yes	Yes	Yes	No
9PZZLH	Yes	Yes	Yes	No	AQYFKZ	Yes	Yes	Yes	No
9Y9GC3	Yes	Yes	Yes	No	AU9PGB	Yes	Yes	Yes	No
9Z3B46	Yes	Yes	Yes	No	AVCY2H	Yes	Yes	Yes	No
A3MEG6	No Interpretations Reported, DNA Analyzed for Database purposes only.				AVQRDB	Yes	Yes	Yes	No
A6BWMW	Yes	Yes	Yes	No	AWM4F7	Yes	Yes	Yes	No
A6TR8J	No Interpretations Reported, DNA Analyzed for Database purposes only.				AWMWFY	Yes	Yes	Yes	No
A6UR6X	Yes	Yes	Yes	No	AXV3NT	Yes	Yes	Yes	No
A7PB9K	Yes	Yes	Yes	No	B4JD6V	Yes	Yes	Yes	No
A7PCRW	Yes	Yes	No	No	B6QJFB	Yes	Yes	Yes	No
A7R4UY	Yes	Yes	Yes	No	B73ARZ	Yes	Yes	Yes	No
A9T8BZ	Yes	Yes	Yes	No	B9ARPV	Yes	Yes	Yes	No
ACXPYV	Yes	Yes	Yes	No	B9MD6Y	No Interpretations Reported, DNA Analyzed for Database purposes only.			
ADAL4Z	Yes	Yes	Yes	No	BA4F4K	Yes	Yes	Yes	No
AE2L2B	Yes	Yes	Yes	No	BBWBQT	No Interpretations Reported, DNA Analyzed for Database purposes only.			
AEYWVT	Yes	Yes	Yes	No	BCMJQW	Yes	Yes	Yes	No
AFYLTW	Yes	Yes	Yes	No	BDH4DW	Inc	Yes	Inc	No
AH4HTR	Yes	Yes	Yes	No	BDJ4BB	Yes	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
BEVMMT	No Interpretations Reported, DNA Analyzed for Database purposes only.				CVDWXU	Yes	Yes	Yes	No
BJRB2F	Yes	Yes	Yes	No	CVK2HD	Yes	Yes	Yes	No
BJT7QD	Yes	Yes	Yes	No	CVMKNN	Yes	Yes	Yes	No
BKLWWR	Yes	Yes	Yes	No	CX8QPW	No Interpretations Reported, DNA Analyzed for Database purposes only.			
BMVZQ4	Yes	Yes	Yes	No	CYNNHW	Yes	Yes	Yes	No
BUAVLC	Yes	Yes	Yes	No	CZW69F	Yes	Yes	Yes	No
BUAZVE	Yes	Yes	Yes	No	D23M7B	Yes	Yes	Yes	No
BWGDJ8	Yes	Yes	Yes	No	D23RER	No Interp	No Interp	No Interp	No Interp
BYZA7C	Yes	Yes	Yes	No	D2JYPF	Yes	Yes	Yes	No
BZWL88	Yes	Yes	Yes	No	D3FEYR	Yes	Yes	Yes	No
C2KLHM	Yes	Yes	Yes	No	D3GC83	Yes	Yes	Yes	No
C2LBN6	Yes	Yes	Yes	No	D3XFPZ	No Interp	Yes	No Interp	No
C4P789	Yes	Yes	Yes	No	D49AF9	Yes	Yes	Yes	No
C6QPMW	Yes	Yes	Yes	No	D66RGA	No Interp	Yes	Yes	No
CAYC2T	Yes	Yes	Yes	No	D6XMXR	Yes	Yes	Yes	No
CBFEYU	Yes	Yes	Yes	No	D9XYR7	Yes	Yes	Yes	No
CC38JB	Yes	Yes	Yes	No	DBRB2D	Yes	Yes	Yes	No
CC8BMN	Yes	Yes	Yes	No	DC39FV	Yes	Yes	Yes	No
CGJG4U	Yes	Yes	Yes	No	DETEVL	Yes	Yes	Yes	No
CHAJRV	Yes	Yes	Yes	No	DF6BZP	Yes	Yes	Yes	No
CJNZWW	No Interp	No Interp	No Interp	No Interp	DGCK3V	Yes	Yes	Yes	No
CTVNYU	Yes	Yes	Yes	No	DHUK97	Yes	Yes	Yes	No
CU6KGT	Yes	Yes	Yes	No	DJH2HD	No Interpretations Reported, DNA Analyzed for Database purposes only.			
CU9BJU	Yes	Yes	Yes	No	DJZ6XR	Yes	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
DL7MWM	Yes	Yes	Yes	No	EEMTBP	Yes	Yes	Yes	No
DLMTAR	Yes	Yes	Yes	No	EFYJLE	Yes	Yes	Yes	No
DLMXH9	Yes	Yes	Yes	No	EGQNUR	Yes	Yes	Yes	No
DLPJGA	Yes	Yes	Yes	No	EGRGRZ	Yes	Yes	Yes	No
DNGE64	Yes	Yes	Yes	No	EHQFB9	Yes	Yes	Yes	No
DNWP6W	No Interpretations Reported, DNA Analyzed for Database purposes only.				EKAJWK	Yes	Yes	Yes	No
DTAJWM	Yes	Yes	Yes	No	EMKA9A	Yes	Yes	Yes	No
DTB936	Yes	Yes	Yes	No	EP2TY7	Yes	Yes	Yes	No
DU46PD	Yes	Yes	Yes	No	ETQ2JT	Yes	Yes	Yes	No
DU8XCR	Yes	Yes	Yes	No	EV8JAN	Yes	Yes	Yes	No
DVGPHN	Yes	Yes	Yes	No	EXFGYY	No Interpretations Reported, DNA Analyzed for Database purposes only.			
DX798R	Yes	Yes	Yes	No	EYDZP8	Yes	Yes	Yes	No
E2HFAR	Yes	Yes	Yes	No	F3BRJP	Yes	Yes	Yes	No
E6WCFT	Yes	Yes	Yes	No	F4KLGB	Yes	Yes	Yes	No
E7W4WA	Yes	Yes	Yes	No	F4N77Y	Yes	Yes	Yes	No
E8636X	Yes	Yes	Yes	No	F699KX	No Interpretations Reported, DNA Analyzed for Database purposes only.			
E86B2N	Yes	Yes	Yes	No	F6EAVZ	Yes	Yes	Yes	No
E8MACZ	Yes	Yes	Yes	No	F6ECMP	Yes	Yes	Yes	No
E9GZFU	Yes	Yes	Yes	No	F6UN6V	Yes	Yes	Yes	No
E9X98A	No Interp	Yes	Yes	No	F7BP7C	Yes	Yes	Yes	No
EB4PND	Yes	Yes	Yes	No	F8Z688	Yes	Yes	Yes	No
EB7AKT	Yes	Yes	Yes	No	FA7LMP	Yes	Yes	Yes	No
EC2ZHV	Yes	Yes	Yes	No	FB37AP	Yes	Yes	Yes	No
EDTZF7	Yes	Yes	Yes	No	FBXUHC	Yes	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
FD8K8G	Yes	Yes	Yes	No	GEEE6R	No Interpretations Reported, DNA Analyzed for Database purposes only.			
FDCWTR	Yes	Yes	Yes	No	GEUWT7	Yes	Yes	Yes	No
FECJRN	Yes	Yes	Yes	No	GEWHNL	Yes	Yes	Yes	No
FEHNDR	Yes	Yes	Yes	No	GF8GKF	Yes	Yes	Yes	No
FFBKZZ	Yes	Yes	Yes	No	GHCZRN	No Interpretations Reported, DNA Analyzed for Database purposes only.			
FG9UTH	Yes	Yes	Yes	No	GJRAWH	Yes	Yes	Yes	No
FGLAGR	Yes	Yes	No	No	GK6WGH	Yes	Yes	Yes	No
FHN39X	Yes	Yes	Yes	No	GMWWG	Yes	Yes	Yes	No
FKBLAV	Yes	Yes	Yes	No	GPGUUW	Yes	Yes	Yes	No
FKQ2JQ	Yes	Yes	Yes	No	GTGV99	Yes	Yes	Yes	No
FLVPNU	No Interpretations Reported, DNA Analyzed for Database purposes only.				GV2UEQ	Yes	Yes	No	No
FQT2R8	Yes	Yes	Yes	No	GVFDXM	Yes	Yes	Yes	No
FRQCLP	No Interp	No Interp	No Interp	No Interp	GVKTBN	Yes	Yes	Yes	No
FUVWUJ	Yes	Yes	Yes	No	GYLRUU	Yes	Yes	Yes	No
FW3DTE	Yes	Yes	Yes	No	GZDRR6	Yes	Yes	Yes	No
FW6XPU	Yes	Yes	Yes	No	H4V6CR	Yes	Yes	Yes	No
FWGNMD	Yes	Yes	Yes	No	H4XUHB	Yes	Yes	Yes	No
FYLGEQ	Yes	Yes	Yes	No	H6N6A4	Yes	Yes	Yes	No
G67WHN	Yes	Yes	Yes	No	H7Y67X	Yes	Yes	Yes	No
G72G7M	Yes	Yes	Yes	No	HAYF2X	Yes	Yes	Yes	No
G78K9E	Yes	Yes	Yes	No	HBY7GT	Yes	Yes	Yes	No
G8ZHEZ	Yes	Yes	Yes	No	HCPDWJ	Yes	Yes	Yes	No
GBWB4N	Yes	Yes	Yes	No	HJKGH8	Yes	Yes	Yes	No
GCDD3A	Yes	Yes	Yes	No	HKYTC7	Yes	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
HNPY8N	Yes	Yes	Yes	No	JC7V94	Yes	Yes	Yes	No
HQNJM8	Yes	Yes	Yes	No	JETM7R	Yes	Yes	Yes	No
HTCZWF	Yes	Yes	Yes	No	JHMDH6	Yes	Yes	Yes	No
HTEFHT	Yes	Yes	Yes	No	JL9BY9	Yes	Yes	Yes	No
HTQGXZ	Yes	Yes	Yes	No	JLA4WF	Yes	Yes	Yes	No
HUK3QR	Yes	Yes	Yes	No	JLDNL6	Yes	Yes	Yes	No
HUMTWA	Yes	Yes	Yes	No	JNERDR	Yes	Yes	Yes	No
HVYJVR	No Interpretations Reported, DNA Analyzed for Database purposes only.				JNVR9G	Yes	Yes	Yes	No
HXPPD4	Yes	Yes	Yes	No	JZNFYN	Yes	Yes	Yes	No
HZAR6A	Yes	Yes	Yes	No	JZTLR6	Yes	Yes	Yes	No
J2MCXJ	Yes	Yes	Yes	No	K2MMCM	Yes	Yes	Yes	No
J3A6G2	Yes	Yes	Yes	No	K3T9P2	Yes	Yes	Yes	No
J4TWM6	Yes	Yes	Yes	No	K4463J	Yes	Yes	Yes	No
J68ENP	Yes	Yes	Yes	No	K4KCBL	Yes	Yes	Yes	No
J6H9DX	Yes	Yes	Yes	No	K786U4	Yes	Yes	Yes	No
J79FD2	Yes	Yes	Yes	No	K8MBLE	Yes	Yes	Yes	No
J7C2AG	Yes	Yes	Yes	No	K92H8V	Yes	Yes	Yes	No
J8T9GJ	Yes	Yes	Yes	No	K9F79M	Yes	Yes	Yes	No
J9E23M	Yes	Yes	Yes	No	K9X3RA	Yes	Yes	Yes	No
J9JC87	Yes	Yes	Yes	No	KA96FU	Yes	Yes	Yes	No
J9ZKYL	Yes	Yes	Yes	No	KBLRX9	Yes	Yes	Yes	No
JADX2W	Yes	Yes	Yes	No	KDDNM3	Yes	Yes	Yes	No
JBCZTM	Yes	Yes	Yes	No	KE3YDV	Yes	Yes	Yes	No
JBPYG4	Yes	Yes	Yes	No	KFGJ76	Yes	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
KFVR9E	Yes	Yes	Yes	No	LR4YHJ	Yes	Yes	Yes	No
KH8LV7	Yes	Yes	Yes	No	LTMMDL	Yes	Yes	Yes	No
KJW2W2	Yes	Yes	Yes	No	LUV444	Yes	Yes	Yes	No
KJYMRG	Yes	Yes	Yes	No	LVB3MT	Yes	Yes	Yes	No
KKU7W4	Yes	Yes	Yes	No	LWJF3A	Yes	Yes	Yes	No
KLQGXY	Yes	Yes	Yes	No	LXAQT3	No Interpretations Reported, DNA Analyzed for Database purposes only.			
KN9XQ4	Yes	Yes	Yes	No	LXE8R2	Yes	Yes	Yes	No
KNW3NJ	Yes	Yes	Yes	No	LXV7ZR	No Interpretations Reported, DNA Analyzed for Database purposes only.			
KPLDEC	Yes	Yes	Yes	No	LYCBR4	Yes	Yes	Yes	No
KPNXCD	Yes	Yes	Yes	No	LYQTRN	Yes	Yes	Yes	No
KXFH8D	Yes	Yes	Yes	No	M2NPHG	Yes	Yes	Yes	No
KXH8EW	Yes	Yes	Yes	No	M3P9W6	Yes	Yes	Yes	No
L2UFDG	Yes	Yes	Yes	No	M6RJH8	Yes	Yes	Yes	No
L37CHK	Yes	Yes	Yes	No	M6WQV2	Yes	Yes	Yes	No
L6VEWK	Yes	Yes	Yes	No	M8DAKW	Yes	Yes	Yes	No
L8GJ74	Yes	Yes	Yes	No	M8GPZH	Yes	Yes	Yes	No
L8H8JM	No Interp	No Interp	No Interp	No Interp	M8YP7T	Yes	Yes	Yes	No
LA8LV4	Yes	Yes	Yes	No	MDN7HJ	Yes	Yes	Yes	No
LD8TG2	Yes	Yes	Yes	No	MEG4N6	No Interpretations Reported, DNA Analyzed for Database purposes only.			
LE2JMF	Yes	Yes	Yes	No	MHGFJ6	Yes	Yes	Yes	No
LFBBTC	Yes	Yes	Yes	No	MKLYQD	Yes	Yes	Yes	No
LGLDEB	Yes	Yes	Yes	No	MLALU2	Yes	Yes	Yes	No
LGNC7X	Yes	Yes	Yes	No	MMCZXM	No Interpretations Reported, DNA Analyzed for Database purposes only.			
LK6HX7	Yes	Yes	Yes	No					

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
MMVYVK	Yes	Yes	Yes	No	P7UZT8	Yes	Yes	Yes	No
MPCHLG	Yes	Yes	Yes	No	PBQUHW	Yes	Yes	Yes	No
MQB8JK	Yes	Yes	Yes	No	PDE34J	Yes	Yes	Yes	No
MV3QC3	Yes	Yes	Yes	No	PL7GUH	Inc	Yes	Inc	No
MV4HAA	Yes	Yes	Yes	No	PMNG2E	Yes	Yes	Yes	No
MVXF8H	Yes	Yes	Yes	No	PN3ZUN	Yes	Yes	Yes	No
MWR7DX	Yes	Yes	Yes	No	PPAAU9	Yes	Yes	Yes	No
N3KBYE	Yes	Yes	Yes	No	PQPKVL	Yes	Yes	Yes	No
N4WBV9	Yes	Yes	Yes	No	PRAM9L	No Interpretations Reported, DNA Analyzed for Database purposes only.			
N8VLR9	Yes	Yes	Yes	No	PTRMEW	Yes	Yes	Yes	No
NCMV28	Yes	Yes	Yes	No	PUM7HH	Yes	Yes	Yes	No
NCR9MH	Yes	Yes	Yes	No	PVE7FU	Yes	Yes	Yes	No
NDFU8T	Yes	Yes	Yes	No	Q3V2WN	Yes	Yes	Yes	No
NKG2TM	Yes	Yes	Yes	No	Q4PR33	Yes	Yes	Yes	No
NMLB36	Yes	Yes	Yes	No	Q646TK	Yes	Yes	Yes	No
NN4FL4	Yes	Yes	Yes	No	Q7UB9B	Yes	Yes	Yes	No
NNWDQP	Yes	Yes	Yes	No	Q878DF	Yes	Yes	Yes	No
NQ27J3	Yes	Yes	Yes	No	QA99ED	Yes	Yes	Yes	No
NWC3FP	Yes	Yes	Yes	No	QB6FUJ	No Interpretations Reported, DNA Analyzed for Database purposes only.			
NXNMKT	Yes	Yes	Yes	No	QCJXV4	Yes	Yes	Yes	No
P26E7F	Yes	Yes	Yes	No	QCZ437	Yes	Yes	Yes	No
P64P3E	Yes	Yes	Yes	No	QDDHNV	Yes	Yes	Yes	No
P7D429	Yes	Yes	Yes	No	QDUU8Z	Yes	Yes	Yes	No
P7FT8Q	Yes	Yes	Yes	No	QE6RKH	Yes	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
QENF3C	Yes	Yes	Yes	No	RK6K4B	Yes	Yes	Yes	No
QGRBLF	Yes	Yes	Yes	No	RK7BAU	Yes	Yes	Yes	No
QKAMAJ	No Interp	Yes	No Interp	No	RL9UPH	Yes	Yes	Yes	No
QKC4WH	Yes	Yes	Yes	No	RMEK7X	Yes	Yes	Yes	No
QKRMEU	Yes	Yes	Yes	No	RPF4E	Yes	Yes	Yes	No
QNFU7H	Yes	Yes	Yes	No	RQB6C3	Yes	Yes	Yes	No
QP7XUJ	Yes	Yes	Yes	No	RQDP9H	Yes	Yes	Yes	No
QP7ZL9	Yes	Yes	Yes	No	RTFRXT	Yes	Yes	Yes	No
QPMADN	Yes	Yes	Yes	No	RUU9YE	Yes	Yes	Yes	No
QRDFTE	Yes	Yes	Yes	No	RV8WHD	Yes	Yes	Yes	No
QREC2P	Yes	Yes	Yes	No	RY64YG	Yes	Yes	Yes	No
QRVBD2	No Interp	Yes	Yes	No	RYM7PQ	Yes	Yes	Yes	No
QT7BAV	Yes	Yes	Yes	No	RZX9CP	Yes	Yes	Yes	No
QW982C	Yes	Yes	Yes	No	T3ZHWQ	Yes	Yes	Yes	No
QWQ6B3	Yes	Yes	Yes	No	T6DT7G	Yes	Yes	Yes	No
R4FBG9	Yes	Yes	Yes	No	T8EYJ3	Yes	Yes	Yes	No
R8YFY6	Yes	Yes	Yes	No	T8GJFH	Yes	Yes	Yes	No
R9TZXW	Yes	Yes	Yes	No	T8XM2W	Yes	Yes	Yes	No
REKB6E	Yes	Yes	Yes	No	T9QNY8	Yes	Yes	Yes	No
RGAHK6	Yes	Yes	Yes	No	TAN2DD	Yes	Yes	Yes	No
RHN3DF	Yes	Yes	Yes	No	TBX36D	Yes	Yes	Yes	No
RHX36F	Yes	Yes	Yes	No	TEEHGQ	Yes	Yes	Yes	No
RHYV3N	Yes	Yes	Yes	No	TFBUJL	Yes	Yes	Yes	No
RJVBDY	Yes	Yes	Yes	No	TJTYDA	Yes	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
TMBF9Z	Yes	Yes	Yes	No	UQ877Y	Yes	Yes	Yes	No
TNZQZT	Yes	Yes	Yes	No	UTEJUR	Yes	Yes	Yes	No
TRLFJ7	Yes	Yes	Yes	No	UTWH76	Yes	Yes	Yes	No
TUCNWF	Yes	Yes	Yes	No	UUBVWM	Yes	Yes	Yes	No
TVLF3B	Yes	Yes	Yes	No	UVGH6K	Yes	Yes	Yes	No
TX99MT	Yes	Yes	Yes	No	UVGKWB	Yes	Yes	Yes	No
TYFMWJ	No Interpretations Reported, DNA Analyzed for Database purposes only.				UW8TWD	Yes	Yes	Yes	No
U344GD	Yes	Yes	Yes	No	UX3DJJ	Inc	Yes	Inc	No
U3EADE	Yes	Yes	Yes	No	UYL2EE	Yes	Yes	Yes	No
U4CFYE	No Interpretations Reported, DNA Analyzed for Database purposes only.				V2MEQ7	Yes	Yes	Yes	No
U4XXXU	Yes	Yes	Yes	No	V46TU7	Yes	Yes	Yes	No
U7HVGE	Yes	Yes	Yes	No	V6MHKD	Yes	Yes	Yes	No
U8DF6D	Yes	Yes	No	No	VDUJGY	Yes	Yes	Yes	No
U8ELAE	Yes	Yes	Yes	No	VEMGMJ	Yes	Yes	Yes	No
U93YRW	No Interpretations Reported, DNA Analyzed for Database purposes only.				VGX2T9	Yes	Yes	Yes	No
UAYATR	Yes	Yes	Yes	No	VJN97H	Yes	Yes	Yes	No
UBVLVL	Yes	Yes	Yes	No	VM89JD	Yes	Yes	Yes	No
UDHH4C	Yes	Yes	Yes	No	VNAFDP	Yes	Yes	Yes	No
UEQLM3	Yes	Yes	Yes	No	VNYC9D	No Interpretations Reported, DNA Analyzed for Database purposes only.			
UFQD2X	Yes	Yes	Yes	No	VPBYTD	Yes	Yes	Yes	No
UKHKJ7	Yes	Yes	Yes	No	VRFMWH	Yes	Yes	Yes	No
UL9WUC	Yes	Yes	Yes	No	VUHL8A	Yes	Yes	Yes	No
UNLHUY	Yes	Yes	Yes	No	WVXXT	Yes	Yes	Yes	No
UNXEZ4	Yes	Yes	Yes	No	VX2XRX	Yes	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
VXN6EJ	Yes	Yes	Yes	No	WWK2ZX	Yes	Yes	Yes	No
W2LZJ4	Yes	Yes	Yes	No	WWRYJB	Yes	Yes	Yes	No
W3PZBN	Yes	Yes	Yes	No	WXH6Y2	Yes	Yes	Yes	No
W47UBX	Yes	Yes	Yes	No	WXJ39B	Yes	Yes	Yes	No
W6XQZR	No Interpretations Reported, DNA Analyzed for Database purposes only.				WYT6UA	Yes	Yes	Yes	No
W9F7C6	Yes	Yes	Yes	No	X34JVL	Yes	Yes	Yes	No
WCG7C3	Yes	Yes	Yes	No	X42WFT	Yes	Yes	Yes	No
WD8G4U	Yes	Yes	Yes	No	X6A9V9	Yes	Yes	Yes	No
WER8G9	Yes	Yes	Yes	No	X6B2TG	Yes	Yes	Yes	No
WEZCJC	No Interp	No Interp	No Interp	No Interp	X76RYV	Yes	Yes	Yes	No
WFYC9C	Yes	Yes	Yes	No	X7AXTC	Yes	Yes	Yes	No
WHMPRU	Yes	Yes	Yes	No	X8HCR7	Yes	Yes	Yes	No
WHQC7M	Yes	Yes	Yes	No	X8HEGA	Yes	Yes	Yes	No
WHZQ6F	No Interpretations Reported, DNA Analyzed for Database purposes only.				XAPGJ9	Yes	Yes	Yes	No
WL7TQD	Yes	Yes	Yes	No	XB38TD	Yes	Yes	Yes	No
WLHL89	Yes	Yes	Yes	No	XE2DEA	Yes	Yes	Yes	No
WQ3LF2	Yes	Yes	Yes	No	XGLCJR	Yes	Yes	Yes	No
WRATQG	No Interpretations Reported, DNA Analyzed for Database purposes only.				XHHMKM	Yes	Yes	Yes	No
WRQ9JN	Yes	Yes	Yes	No	XJVGWG	Yes	Yes	Yes	No
WTTNMB	Yes	Yes	Yes	No	XK7EAX	Yes	Yes	Yes	No
WU2XB2	No Interpretations Reported, DNA Analyzed for Database purposes only.				XK8246	Yes	Yes	Yes	No
WUF98K	Yes	Yes	Yes	No	XLMB3X	Yes	Yes	Yes	No
WW7FNB	Yes	Yes	Yes	No	XMDJ2Z	Yes	Yes	Yes	No
					XMF99J	Yes	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
XMPHWA	Yes	Yes	Yes	No	YFUNTA	Yes	Yes	Yes	No
XMR93R	Yes	Yes	Yes	No	YJ6VWA	Yes	Yes	Yes	No
XMVRTF	Yes	Yes	Yes	No	YJCQV9	Yes	Yes	Yes	No
XNK4J9	Inc	Yes	Inc	No	YJR8NG	Yes	Yes	Yes	No
XRKA67	Yes	Yes	Yes	No	YK6LCP	Yes	Yes	Yes	No
XRMYPB	Yes	Yes	Yes	No	YNJE8P	Yes	Yes	Yes	No
XTFVXX	Yes	Yes	Yes	No	YQAPXH	Yes	Yes	Yes	No
XTK4BR	Yes	Yes	Yes	No	YQD6D4	No Interp	No Interp	No Interp	No Interp
XTNJPD	Yes	Yes	Yes	No	YQNY3C	No Interpretations Reported, DNA Analyzed for Database purposes only.			
XV62F9	Yes	Yes	Yes	No	YR3HT2	Yes	Yes	Yes	No
XVQNZC	Yes	Yes	Yes	No	YTDF7H	Yes	Yes	Yes	No
XW48W4	Yes	Yes	Yes	No	YUTQ7B	Yes	Yes	Yes	No
XXFUG3	Yes	Yes	Yes	No	YXVD2Z	Yes	Yes	Yes	No
XZLF9A	Yes	Yes	Yes	No	ZBUNY7	Yes	Yes	Yes	No
XZZXWM	Yes	Yes	Yes	No	ZC6LCN	Yes	Yes	Yes	No
Y3KVDQ	Yes	Yes	Yes	No	ZCBV9U	Yes	Yes	Yes	No
Y69PUR	Yes	Yes	Yes	No	ZEUV7	Yes	Yes	Yes	No
Y7YXTU	Yes	Yes	Yes	No	ZEV RTE	Yes	Yes	Yes	No
Y9QTF4	Yes	Yes	Yes	No	ZGZKKR	Yes	Yes	Yes	No
YA3JRT	Yes	Yes	Yes	No	ZKKA66	Yes	Yes	Yes	No
YBVGXE	Yes	Yes	Yes	No	ZMKPAL	Yes	Yes	Yes	No
YCDG6B	Yes	Yes	Yes	No	ZN4EMZ	Yes	Yes	Yes	No
YF7JZA	Yes	Yes	Yes	No	ZPWBCU	Yes	Yes	Yes	No
YFBM32	Yes	Yes	Yes	No	ZQP9HF	Yes	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
ZRG66N	No Interp	Yes	Yes	No					
ZTPLV8	Yes	Yes	No	No					
ZWFJRD	Yes	Yes	Yes	No					
ZWXM9Q	Yes	Yes	Yes	No					
ZXPJYV	Yes	Yes	Yes	No					
ZY2HRU	Yes	Yes	Yes	No					
ZYGQU3	Yes	Yes	Yes	No					

DNA Interpretation					
Response Summary			Participants reporting DNA results: 673		
<i>Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?</i>					
		Victim (Item 1)		Suspect (Item 2)	
		<u>Item 3</u>	<u>Item 4</u>	<u>Item 3</u>	<u>Item 4</u>
Yes		616	629	615	0
No		0	0	6	629
Inc		6	0	6	0
No Interpretation		16	9	11	9
No Response		0	0	0	0

Participants analyzing DNA for database purposes only: 35

Additional Comments

TABLE 8

WebCode	Additional Comments
2278RG	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in the epithelial fraction, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
2AWVMK	Item 4 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. **Analysis performed by a DNA Technician; therefore, no interpretation performed.
2EP78H	Note: The GlobalFiler STR data (with the exception of SE33 and D1S1656) reported for the non-sperm fraction of Item 3 is based upon an interpretation using STRmix, a probabilistic genotyping software program. Because this software may incorporate stutter peaks into the interpretation, the STRmix results include a peak that would have been filtered as stutter for a binary interpretation(the 13 at D10S1248). Due to the limitations of the report format, the relative probabilities of the different genotypes cannot be captured. Therefore, this report includes all possible alleles for all interpreted genotypes. It should also be noted that Amelogenin and the male markers are not included in the STRmix interpretations or likelihood ratio calculations for single-source samples or mixtures. Additionally, for mixtures, the loci SE33 and D1S1656 are not included in the STRmix interpretations or likelihood ratio calculations but are included in the CTS report. NR = No result.
2F4HFN	The minor [25] allele reported at D2S1338 and minor [28] allele reported at D21S11 for Item 3 (epithelial fraction) and the minor [12] allele reported at D5S818 and the minor [28.2] allele reported at SE33 for Item 3 (substrate fraction) are in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software.
2F8XUA	Item 3 non-sperm fraction STRmix mixture proportions = 93:7.
2JZB6C	reporting results with stutter filters on
2PQF7T	[] - indicates minor allele(s) and alleles between analytical and stochastic thresholds
2UKA4U	NR= no results. Screening tests performed by forensic biologist. DNA analyst performed KM testing. GF and YFP results are concordant for DYS391
2VWAZN	"Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component."
2XZYC6	Inconclusive mtDNA control region data is being reported for Item 3 due to the presence of multiple mtDNA sequences within the mtDNA data.
2ZAWQM	A team approach was utilized for the biological screening portion and lab processing of the reference samples. () = stutter or minor allele.
3233TY	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.

TABLE 8

WebCode	Additional Comments
34496J	Male screening was performed on Item 3 and Item 4 using the Plexor HY quantification kit. Information from the analysis was used to determine the presence of male DNA on Item 3 and Item 4. Item 3: Male DNA was detected on this item utilizing the Plexor HY Quantification kit. Item 4: No male DNA was detected on this item utilizing the Plexor HY Quantification kit. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in the epithelial cell fraction resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
349NHK	Y-Screening conducted only on items 3 and 4. Male DNA was detected on item 3. Male DNA was not detected during quantification on item 4.
34M6J6	E-grams provided to analyst. Analyst made interpretations and conclusions. Results listed for 3sp are major profile. Results for 3sp were a mixture with an additional allele noted at D3 >ST. Only the major profile is conclusive.
36XY9D	Reporting with stutter filters on
3CKMVCV	The Item 3 sperm fraction had a 33.2 peak at D21, which was marked as drop-in, so it was not included in the genotype table. The Item 3 non-sperm fraction had a 26.2 peak at SE33, which was marked as possible high stutter or drop-in, so it was not included in the genotype table.
3K9P46	No interpretation - Only known samples tested. There are no evidentiary items for comparison at this time. [Laboratory] will retain the mitochondrial DNA profiles for [Name] K1 (Item 1) and [Name] K2 (Item 2) if at any point evidentiary samples should become available for comparison.
44HUG7	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in the epithelial cell fraction, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
44Z48L	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
47LU9Q	Extraction; Item 1 and Item 2 extracted using in-situ method. Item 3 extracted using Chelex method. Item 4 extracted using DNA IQ kit via Tecan Freedom Evo 150. Quantification: Item 3 and Item 4 quantified using Quantifiler Human DNA Quantification Kit on QuantStudio 5 Real-Time PCR System. Amplification; Item 1 and Item 2 amplified using Globalfiler Express Amplification Kit on Proflex PCR System. Item 3 and Item 4 amplified using Identifiler Plus PCR Amplification Kit (in the midst of validating Globalfiler Casework Amplification Kit). Item 2 and Item 3 were further amplified using Yfiler PCR Amplification Kit on GeneAmp PCR System 9700. Electrophoresis; Item 1, Item 2, Item 3 and Item 4 were run on ABI 3500xL Genetic Analyzer (Globalfiler Express and Identifiler Plus Kit). Item 2 and Item 3 were further run on ABI 3130xL Genetic Analyzer for Y-STR. Quality Control; Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave expected results.
49EQXK	A team approach was utilized for the biological screening portion and lab processing of the reference samples. () = stutter or minor allele.

TABLE 8

WebCode	Additional Comments
4AA2YF	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Full profiles were obtained for the epithelial and sperm cell fractions (Item 3); however, there was incomplete separation. Allele calls from both donors were observed in the epithelial cell fraction (Item 3e). This is a normal observation routinely seen in casework. Male screening was performed on items 3 and 4 using the Plexor HY quantification kit. Information from the analysis was used to determine the presence of male DNA on items 3 and 4. Analyst understands Male Screening wouldn't be typically worked in this manner as per policy, but completed to satisfy QAS requirement. The male screening results are as follows: Male DNA was detected on item 3 utilizing Plexor HY. No male DNA was detected on item 4 utilizing Plexor HY.
4ARBQV	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
4BYFHX	Reporting STRmix results with stutter filters on. Item 3 epi shows carry-over from 3 sp.
4EZGKF	Reporting STRmix results with stutter files on. Item 3e shows carry-over from Item 3s.
4FYL2A	For items interpreted with STRmix, the Globalfiler results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis.
4JCGPK	NR = No Results obtained. This laboratory does not perform presumptive test for saliva or semen.
4K79VY	Y-STR and mtDNA testing are not performed at the [State Laboratory]. No additional loci were tested.
4MFD9M	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component. Stutter filters are established by the laboratory based on validation data and used to filter stutter during examiner analysis. Additionally, the laboratory utilizes a probabilistic genotyping software for data interpretation which models stutter during its probabilistic analysis of the data. Elevated stutter peaks which are above the stutter filters established by the laboratory during the validation may still occur but are handled probabilistically during interpretation by the software. The results for this test contain an elevated stutter peak which is being reported to the vendor as an additional comment but has been modeled as stutter probabilistically during interpretation at the following locus/loci: Item 3 - 18 allele at D3S1358.
4T4Z4T	Y-STR and mitochondrial DNA testing are not performed in this laboratory. All STR analyses were performed with stutter filters on.
64D2UH	A team approach was utilized for the biological screening portion and lab processing of the reference samples. ()=possible stutter or minor.
66ADVD	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation."
67JH92	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
69BDXV	Biology Screening only. The Amylase Diffusion test is a presumptive test for amylase, an enzyme found in body fluids including saliva.

TABLE 8

WebCode	Additional Comments
6A68TE	Direct to DNA male screening was performed using the Plexor HY quantification kit. Preparation, interpretation, and reporting was performed as directed in [Name]. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item three in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. Minifiler results are concordant with Investigator 24plex STR results.
6CCGPH	Only qualified in the lab for serology therefore only tested serology portion
6D4MXV	Reporting STRmix results with stutter filters on. Item 3e shows carry-over from 3sp.
6DKU8J	The 20 allele reported at D3 for Item 3 pillowcase sp fraction is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software. The 33.2 allele reported at SE33 for Item 3 pillowcase sp fraction is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software.
6G4XTV	Reporting STRmix results with stutter filters on. Item 3-sp shows carry over from Item 3-epi
6JB4GH	Y-Screening conducted only. DNA analysis was not performed. Male DNA was detected on item 3. Male DNA was not detected on item 4.
6K387H	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
6M8VMT	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
6R6ABJ	NR = no result. INC = inconclusive. URG = unresolved genotype.
6UCE3L	I am not approved to perform differential extractions.
74V7AV	The following exhibit was inconclusive for the presence of acid phosphatase due to difficulty in accurately detecting a color change as a result of the substrate color: exhibit 4. -- Possible additional genetic information may be present.
79TMMP	Item #3 - negative for sperm, may be due to area selected for extraction. Item #4 - Inc AP - unable to discern color change due to reddish-brown stain. NR = no results. All screening tests listed in Part I [Table I: Serology Screening Results] performed by a qualified Forensic Biologist. DNA analyst performed KM screening test for blood only on items #1 and #2, items were KM+. DYS391 had concordant results in GF and YFP profiles.
7CTXHP	Item #4 - AP inconclusive due to reddish-brown stain. Unable to discern possible color change. Male screen testing performed on a sample from each of items #3 and #4 by FB analyst. The DNA analyst reviewed and interpreted the male screen results. KM testing was done by both FB and DNA analysts. Other serological testing was done by FB analyst. Item #1 and item #2 were done with both GlobalFiler and GlobalFiler Express STR DNA amplification kits. The results were concordant. NR = No results.

TABLE 8

WebCode	Additional Comments
7HC7XA	Whole mtDNA genome results were obtained for Items 1, 2, and 4, but only HV1 and HV2 were included in the mtDNA results tab as requested by CTS. Below you will find the complete results. Item 1: Range: 1-16569, Variants: 195C, 263G, 315.1C, 524.1A, 524.2C, 750G, 961G, 1438G, 3996Y, 4769G, 5162C, 8448C, 8860G, 13759A, 15326G, 16220G, 16293G, 16311C. Item 2: Range: 1-8658, 8764-16569, Variants: 239C, 263G, 309.1C, 315.1C, 750G, 1438G, 3915A, 4727G, 4769G, 8860G, 9254G, 9380A, 10589A, 13731G, 15326G, 16362C. Item 3: Range: 1-16569, Variants: 195C, 263G, 315.1C, 524.1A, 524.2C, 750G, 961G, 1438G, 3996Y, 4769G, 5162C, 8448C, 8860G, 13759A, 15326G, 16220G, 16293G, 16311C. [List reformatted by CTS]
7HGHL7	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. 01-03-AA (Item 3) in this test was extracted by a differential extraction method. Full profiles were obtained from the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. DNA profiles from 01-01-AA (Item 1) and 01-04-AA (Item 4) were analyzed using both Qiagen Investigator 24plex QS and Applied Biosystems Minifiler amplification kits. Allele calls from both kits were used so additional alleles may be present. Male screening was performed on items 3 and 4 using the Plexor HY Quantification kit for batch review and interpretation.
7J7XM2	Inconclusive mtDNA control region data was obtained from Item 3 (03A) due to the presence of multiple mtDNA sequences within the mtDNA data. This laboratory does not interpret mtDNA mixtures.
7RKVKK	The 33.2 allele reported at SE33 for Item 3 (F3) is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software.
7RZ2XP	Extraction: Item 1 and Item 2 were extracted using in-situ method. Item 3 was extracted using chelex extraction (differential method). Item 4 was extracted using Promega DNA IQ kit on Tecan Evo 150. Quantification: Item 3 and Item 4 were quantified using ABI Quantifiler Human DNA Quantification Kit on ABI QuantStudio 5 Real-Time PCR System. Amplification: Item 1 and Item 2 were amplified using GlobalFiler Express Kit on ABI Proflex PCR System. Item 3 and Item 4 were amplified using AmpFLSTR Identifiler Plus PCR Amplification Kit (in the midst of validating the GlobalFiler Casework Amplification Kit) on ABI GeneAmp PCR System 9700. Y-STR Amplification was carried out on Item 2 and 3 using AmpFLSTR Yfiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Electrophoresis: Item 1 and Item 2 (GlobalFiler Express), Item 3 and Item 4 (Identifiler Plus) were carried out on ABI 3500xL Genetic Analyzer. Item 2 and 3 (Y-Filer) were carried out on ABI 3130xL Genetic Analyzer. Quality Control: Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave intended results.
7U98JQ	NR = No Results. KM test was performed by DNA analyst. Other screening tests were performed only by Forensic Biologist.
7X9FNZ	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
7XNY8X	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
7YZCCU	Biology Screening only. Item 3: Presumptive test only performed for blood. Amylase diffusion is a presumptive test for amylase, an enzyme found in bodily fluids, including saliva.
7Z9VRH	Numbers in parentheses represent either artifacts of the polymerase chain reaction (stutter) or potential minor contributor alleles within the DNA mixture. A team approach was utilized for the biological screening portion and lab processing of the reference samples.

TABLE 8

WebCode	Additional Comments
84R6KF	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
88QLRH	NR = No Results
8AGHL4	The analyst is authorized for DNA laboratory procedures, but not interpretation at this time. All lab work was performed for the processing of Items 1 and 2, no interpretation was performed. All peaks above analytical threshold entered for Items 1 and 2.
8EBCLQ	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
8FKLAG	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modeling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
8FLE9N	Forensic Biologist performed Serological. Testing Comments from Forensic Biologist: Part I [Table I: Serology Screening Results]: The AP test conducted on item 4 was inconclusive due to the presence of the reddish-brown staining -a weak positive cannot be ruled out. DNA Analyst performed additional KM testing. NR = No Results. For Globalfiler and YFiler Plus: results at DYS391 were concordant, when results were achieved.
8GB2BC	NR = No Result
8GEBWH	The 18 allele reported at D3S1358 for Item 3 Fraction 1 is potential drop-in and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as drop-in versus a true minor allele using probabilistic genotyping software as needed. The 11 allele reported at D2S441 for Item 3 Fraction 2 is in a potential elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software as needed. The 33.2 allele reported at SE33 for Item 3 Fraction 3 is in a potential elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software as needed.
8GZQ49	Whole mtDNA genome results were obtained for items 1,2, and 4, but only HV1/HV2 results were included in the mtDNA results tab as requested by CTS. Below you will find the complete results. Note: Item 1 and Item 4 have the same mtDNA type with the exception of position 309. For Item 4 a 309.1C was reported and was detected at 21.3%. 309.1C was also observed for Item 1 at 18.6%, however this is not above our analytical threshold of 20%. Item 1: 195C, 263G, 315.1C, 524.AC, 750G, 961G, 1438G, 3996Y, 4769G, 5162C, 8448C, 8860G, 13759A, 15326G, 16220G, 16293G, 16311C. Item 2: 239C, 263G, 309.1C, 315.1C, 750G, 1438G, 3915A, 4727G, 4769G, 8860G, 9254G, 9380A, 10589A, 13731G, 15326G, 16362C. Item 4: 195C, 263G, 309.1C, 315.1C, 524.AC, 750G, 961G, 1438G, 3996Y, 4769G, 5162C, 8448C, 8860G, 13759A, 15326G, 16220G, 16293G, 16311C.
8LDNHM	"[] - indicates minor allele/s and alleles between analytical and stochastic thresholds

TABLE 8

WebCode	Additional Comments
8NGJ2P	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
8WU92J	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
8XZZLJ	"NR/NE" means no results/not expected. "NA" means not applicable. "INC" means inconclusive. [Laboratory] reports mixtures as inconclusive and therefore no interpretation was made between Item 3 and Item 1.
8YBRRF	Serology screening and all laboratory work performed by [Name] - not part of this test.
8YWBM E	Male screening was performed robotically on items 3 and 4 utilizing the Plexor HY Quantification kit. Male DNA was detected on item 3 utilizing the Plexor HY Quantification kit. No male DNA was detected on item 4 utilizing the Plexor HY Quantification kit.
97P49D	Male screening was performed on item 3 and item 4 using the Plexor HY quantification kit. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
97UHLE	Note: Inclusions and exclusions were conducted by the analyst outside of the STRmix software program. STRmix was used to calculate the following propositions: Item 3f1 (e fraction): Victim (Item 1) and suspect (Item 2)/Victim and an unknown. Item 3f2 (s fraction): Victim (Item 1) and suspect (Item 2)/Victim and an unknown. Item 4: Victim (Item 1)/ Unknown. NR = No Result. Y Screening conducted on items 1 and 2 with Promegas Casework Direct kit.
9FFMTD	NR denotes "No Result"
9FJ39Y	For the e fraction of Item 3 at D22S1045, the 15 allele, which belongs to Item 2, was masked by the stutter filter in our analysis software, GeneMapper ID-X.
9FYBDT	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
9GAEH6	Reporting results with stutter filters on.
9K9NT8	NR = NO RESULTS
9K9QKW	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).

TABLE 8

WebCode	Additional Comments
9KAL43	Male screening was performed on items 3 and 4 using the Plexor HY quantification kit. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
9Z3B46	Minifiler was also used to amplify item 2. Concordant results were obtained for all loci for GlobalFiler and Minifiler. The non-sperm fraction of item 3 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male. No alleles are present that cannot be attributed to either the victim or the male donor from the sperm fraction.
A6BWMW	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
A6TR8J	[Laboratory] reports mixtures as INC (inconclusive). NA = Not Applicable. NR/NE = no result/not expected.
ACXPYV	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
ADAL4Z	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
AFYLTW	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
AH4HTR	Analysis of sexual assaults is not within the scope of the laboratory services; therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. The laboratory does not provide an allele table in the report; therefore, this procedure is used only for reporting the results of proficiency tests. The results listed in the CTS report for the evidence samples reflect alleles that were used for reporting. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and alleles present are listed for evidence samples.

TABLE 8

WebCode	Additional Comments
AL3TPR	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
AMCJCA	Direct to DNA male screening was performed using the Plexor HY quantification kit. Preparation, interpretation, and reporting was performed as directed in [Lab-Specific Information]. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in the epithelial fraction, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. Minifiler results concordant with Investigator 24plex results.
AMF7TN	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
AQC9A	MiniFiler results were concordant with Investigator 24plex results. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. A full profile was obtained for the epithelial cell fraction; however, there was incomplete separation resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. Direct to DNA male screening was performed using the Plexor HY quantification kit. Preparation, interpretation, and reporting was performed as directed in [Name].
AU9PGB	NR = No Result. Item 4 was tested in PP Fusion and MiniFiler. Results were concordant at overlapping loci.
AVCY2H	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
AVQRDB	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3(3A2-epi pillowcase)in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions;however, there was incomplete separation in one or both fractions,resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
B4JD6V	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Also when needed: Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.

TABLE 8

WebCode	Additional Comments
BA4F4K	This lab does not do Mito or Y-STR testing. Reporting results with stutter filters on.
BD2WGE	Y-screening conducted only. DNA analysis was not performed. Male DNA was detected in Item 3. Male DNA was not detected in Item 4.
BDH4DW	Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
BJRB2F	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
BJT7QD	NR = No Results
BKLWWR	Did not amplify the epithelial (e) fraction of item 03 in Yfiler Plus.
BMVZQ4	NR = Not reportable
BUAVLC	Male screening interpretation was performed on Items 3 and 4 using the Plexor HY quantification kit. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which included biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. Y-STR interpretation only was performed on Items 2 and 3.
BWGDJ8	Direct to DNA male screening was performed using the Plexor HY quantification kit. Preparation, interpretation, and reporting was performed as directed in [Name]. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
BYZA7C	A team approach was utilized for the biological screening portion and lab processing of the reference samples. () = possible stutter/minor allele.
BZWL88	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
C2LBN6	Reporting results with stutter filters on.
CBFEYU	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).

TABLE 8

WebCode	Additional Comments
CC8BMN	Item 3: Blood was presumptively detected. This test alone does not confirm the presence of blood. Item 4: Blood was presumptively detected. This test alone does not confirm the presence of blood. Seminal fluid was not detected by presumptive testing.
CJNZWW	PT submitted on behalf of a laboratory technician for screening and extraction.
CTVNYU	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
CU9BJU	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Also when needed: Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
CVZGR8	Male screening was performed on Item 3 and Item 4 using the Plexor HY quantification kit. Item 3: Male DNA was detected on this item utilizing the Plexor HY quantification kit. Item 4: No male DNA was detected on this item utilizing the Plexor HY quantification kit.
CZW69F	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is acknowledged that some stutter peaks can be recognized as true peaks. Every allele given weight as a possible true allele during the probabilistic genotyping deconvolution that is present in the table in the STRmix output file was reported. This includes any potential stutter peaks that may have been given weight during the development of the genotype probability distribution table. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
D23M7B	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
D23RER	No profile interpretations performed. Proficiency used for screening through DNA quantification only.
D3FEYR	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
D3G9HX	Male screening was performed on items 3 and 4 using the Plexor HY quantification kit. Information from the analysis was used to determine the presence of male DNA on items 3 and 4.
D3GC83	NR = No Results
D3XFPZ	Laboratory not accredited to perform mixture interpretation.
D66RGA	NR/NE = no results/not expected. INC = inconclusive. [Laboratory] reports mixtures as INC. Fusion 5C and mtDNA for item 3 are INC due to a mixture of more than one contributor. NA= not applicable.

TABLE 8

WebCode	Additional Comments
D9XYR7	NR = no DNA typing result. The GlobalFiler STR data (with the exception of SE33 and D1S1656) reported for Item 3e are based upon an interpretation using STRmix, a probabilistic genotyping software program. Because this software may incorporate stutter peaks into the interpretation, STRmix results for item 3e include peaks that would have been filtered under binary interpretation. It should be noted that Amel and the male markers are not included in the STRmix interpretation or likelihood ratio calculations for single source or mixtures. Additionally, for mixtures, SE33 and D1S1656 are not included in the STRmix interpretation or likelihood ratio calculations but are included in the CTS report.
DBRB2D	Direct to DNA male screening was performed using the Plexor HY quantification kit. Preparation, interpretation, and reporting was performed as directed in [Name]. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables (item 3 epi). Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in the epithelial fraction, resulting in a mixture profile. All allele calls from the female donor were observed in the profile; however, only a few alleles from the minor male donor were observed due to the incomplete separation. The item 3 epi Y-STR profile was a partial profile with observed drop-out in the majority of the loci. This is due to the incomplete separation described above.
DETEVL	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
DHUK97	Full profiles were obtained for the epithelial cell fraction of the pillowcase; however, there was incomplete separation. Allele calls from both donors were observed in this mixture. This is a normal observation routinely seen in casework. The sample was not injected at a longer time for the minor contributor due to possible blow out of sample. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.
DJZ6XR	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
DL7MWM	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
DLMTAR	A1-3epi: possible additional minor alleles at D2S1338 (25) and D12S391 (20); indistinguishable from artifact/stutter; not reportable A1-3spm: possible additional minor alleles at D12S391 (25); indistinguishable from artifact/stutter; not reportable
DNGE64	Reporting with stutter filters on.

TABLE 8

WebCode	Additional Comments
DU46PD	1. Extraction: In-situ extraction method was used to extract DNA from Item 1 and Item 2. Chelex extraction method was used to extract DNA from Item 3 and Item 4. 2. Quantification: DNA quantification was carried out using Quantifiler Human DNA Quantification Kit with Applied Biosystem Real Time Polymerase Chain Reaction 7500 System. 3. Amplification: Amplification of STR (Short Tandem Repeat) Genetic Loci was carried out on Item 1 and Item 2 using the AmpFISTR Identifiler Direct PCR Amplification Kit, while on Item 3 and Item 4 using the AmpFISTR Identifiler Plus PCR Amplification Kit on the 9700 GeneAmp PCR System. Amplification of Y-STR (Short Tandem Repeat) Genetic Loci was carried out on Item 2 and Item 3 using the AmpFISTR Y-File PCR Amplification Kit on the 9700 GeneAmp PCR System. 4. Electrophoresis: Electrophoresis was carried out using Applied Biosystem 3500xL Genetic Analyzer with GeneMapper ID-X Software for Item 1 and Item 2 (Identifiler Direct) and Item 3 and Item 4 (Identifiler Plus). Electrophoresis for Y-File was carried out using Applied Biosystem 3500xL Genetic Analyzer with GeneMapper ID-X Software for Item 2 and Item 3. 5. Reagent blank, positive control and negative control were carried out throughout the analysis and all gave the intended results.
DX798R	18 allele at locus D18S51 entered for the sperm fraction of item 3-1 is in the forward stutter position at 3.3%, with TPD filter at 3%. Victim is also consistent with that allele at that location, however, for deconvolution in STRMIX, did not assume Female victim (item 1) in the sperm fraction DNA profile obtained.
DYHXM	Male screening was performed on item 3 and item 4 using the Plexor HY quantification kit.
E7W4WA	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
E9X98A	NR/NE = NO RESULTS/NOT EXPECTED. Item 3 is inconclusive (INC) for Autosomal STRs because the MP unit does not interpret mixtures. The single source Y-STR profile was used for comparison with the suspect. NA = not applicable, not tested.
EAUK94	Male screening was performed on items 3 and 4 using the Plexor HY quantification kit. Male DNA was detected on item 3 and no male DNA was present in item 4.
EC2ZHV	A full profile was obtained from the sperm cell fraction; however, there was incomplete separation. Some alleles consistent with the epithelial fraction donor were detected in the sperm cell fraction. This is a normal observation routinely seen in casework. A full profile was obtained from the epithelial cell fraction; however, there was incomplete separation. Some alleles consistent with the sperm fraction donor were detected in the epithelial cell fraction. This is a normal observation routinely seen in casework. Evidence mixture profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for plus and minus stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.
EEMTBP	Item #3 reported as deconvoluted female (substantial) component in the non-sperm/epi fraction. Actual DNA results display carryover from the sperm fraction male contributor.
EHQFB9	NR= No result. Item 3 F1: carry over of F2(sperm fraction) into F1 (non-sperm fraction). Item 3 F2: carryover of F1 fraction (non-sperm fraction) into F2 (sperm fraction). Maximum volume amplified (15ul) for F2 to target 0.44 nanograms. FGA 22 filtered as stutter. Note: inclusions and exclusions were conducted by the analyst outside of the STRmix software program. STRmix was used, however, to calculate a likelihood ratio on the following propositions: Item 3 F1 1s2s/1sU, Item 3 F2 1s2s/1sU, Item 4 1s/U.
EMKA9A	NR denotes no results

TABLE 8

WebCode	Additional Comments
EYDZP8	Male screening was performed on Item 3 and item 4 using the Plexor HY quantification kit. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
F3BRJP	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
F4KLGB	Stutter filters are established by the laboratory based on validation data and used to filter stutter during examiner analysis. Additionally, the laboratory utilizes a probabilistic genotyping software for data interpretation which models stutter during its probabilistic analysis of the data. Elevated stutter peaks which are above the stutter filters established by the laboratory during the validation may still occur but are handled probabilistically during interpretation by the software. The results for this test contain(s) (an) elevated stutter peak(s) which is/are being reported to the vendor as an additional comment but which has/have been modeled as stutter probabilistically during interpretation at the following locus/loci: 1U20UKO0067Q4 stutter allele 20 at D18S51 filtered by STRmix. For KO1517Y_1U20UKO0067Q3, [Name](analyst) deems 12.2OL at DYS576 as an artifact and 10 at DYS460 as a stutter peak. Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
F4N77Y	The non-sperm fraction of Item 3 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the donor of the sperm fraction. No alleles are present that cannot be attributed to the victim or the donor of the sperm fraction. Item 4 was amplified with both Globalfiler and Minifiler. Concordant results were obtained with Globalfiler and Minifiler.
F6EAVZ	** = May be attributed to elevated stutter. NR = No Results.
F6ECMP	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
F7BP7C	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
F8LRUV	Male screening was performed on Item 3 and Item 4 using the Plexor HY quantification kit. Information from the analysis was used to determine the presence of male DNA on items 3 and 4.
FB37AP	The DNA profile was found in sample item 3 (questioned stain from pillowcase) that contain at least 2 person which included with DNA profile from victim and suspect. The DNA profile from item 4 (questioned stain from suspect's shirt) was found similar to DNA profile from victim.

TABLE 8

WebCode	Additional Comments
FD8K8G	NR = No Result. Items #1 and #2 were amplified with both the GlobalFiler and GlobalFiler Express kits. Both kits gave concordant results at all loci for both items #1 and #2. A qualified Forensic Biologist performed all screening tests listed in Part I [Table I: Serology Screening Results]. The DNA analyst only performed KM testing on items #3 and #4 in Part I [Table I: Serology Screening Results]. Concordant results were achieved at the DYS391 locus between the GlobalFiler and YFiler Plus results for all appropriate samples.
FDCWTR	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
FECJRN	NR = No results
FEHNDR	Item 4 was also amplified using Minifiler. Concordant results were obtained between Minifiler and Globalfiler. The non-sperm fraction of item 3 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the semen donor. No alleles are present that are not attributable to either the victim or the semen donor from the sperm fraction.
FFBKZZ	reporting with stutter filters on
FKQ2JQ	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Also when needed: Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
FP22VW	Male screening was performed on items 3 and 4 using the Plexor HY quantification kit.
FRQCLP	No DNA profile interpretation performed. Proficiency for the purpose of screening samples through quantification only.
FUWVUJ	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
FW6XPU	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
G77RA7	Male screening was performed on Item 3 and Item 4 using the Plexor HY quantification kit.
G78K9E	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
G8ZHEZ	Reporting with stutter filters on.
GCDD3A	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component. Stutter filters are established by the laboratory based on validation data and used to filter stutter during examiner analysis. Additionally, the laboratory utilizes a probabilistic genotyping software for data interpretation which models stutter during its probabilistic analysis of the data. Elevated stutter peaks which are above the stutter filters established by the laboratory during the validation may still occur but are handled probabilistically during interpretation by the software. The results for this test contain an elevated stutter peak which is being reported to the vendor as an additional comment but which have been modeled as stutter probabilistically during interpretation at SE33: Item 3, SE33, 31.2."

TABLE 8

WebCode	Additional Comments
GD4GRB	Genotype data was not entered for this proficiency because this analyst is only qualified/authorized to process samples through differential extraction at this time. Additionally, this analyst is qualified to prepare non-differential samples for extraction using an automated workflow. Therefore, this analyst performed a differential extraction on the sample from the pillowcase, extracted the known samples using an automated method, and prepared the sample from the suspect's shirt for the automated workflow.
GF8GKF	Any labeled peaks that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. Per laboratory policy, the DYS391 locus tested in PowerPlex Fusion will not be interpreted or reported and will be marked "INC". Item 3 epithelial cell fraction was not amplified in Ystrs.
GG4TMB	Genotype data was not entered for this proficiency because the analyst is only qualified to process samples through DNA extraction at this time. One of the questioned sample was extracted with the differential extraction method. Additionally this analyst is qualified to prepare non differential samples for DNA extractions using the automated methods. One of the questioned sample was prepared in this manner. The known samples were extracted by another analyst in the manual workflow.
GMVVG	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
GPGUUW	NR = Not reportable. Item 3 --Sperm fraction-- High stutter noted @ D12. A contributor identified from this mixed DNA profile matched the suspect (item 2). A further contributor identified from this mixed DNA profile matched the Victim (item 1). --Epi fraction-- A contributor identified from this mixed DNA profile matched the Victim (item 1).
GTGV99	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. Y-STR interpretation only was performed on items 2 and 3 using the Promega PowerPlex Y23 kit.
GYLRUU	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
H4V6CR	Evidence mixture profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. A full profile was obtained from the sperm cell fraction of item 3; however, there was incomplete separation. Some alleles consistent with the epithelial fraction donor were detected in the sperm cell fraction. This is a normal observation routinely seen in casework. A full profile was obtained from the epithelial cell fraction of item 3; however, there was incomplete separation. Some alleles consistent with the sperm fraction donor were detected in the epithelial cell fraction. This is a normal observation routinely seen in casework.
HCPDWJ	Item 3 sperm fraction, 25 peak detected at D12S391 inconclusive as to being a high stutter peak.

TABLE 8

WebCode	Additional Comments
HKYTC7	<p>For Item 3 we performed differential extraction: In sample Item3Z (Item 3e - epithelial fraction) we obtained DNA mixture derived from at least two people. In this mixture dominant full profile (majority component) was compatible to DNA profile of the victim (Item 1). In DNA which is minor component of the mixture, we indicated DNA alleles compatible in a range of indicated alleles which are present in DNA suspect profile (Item2). In sample Item 3M (Item 3sp - sperm fraction) we obtained male DNA profile that was compatible to DNA profile of the suspect (Item2), DNA doesn't derive from the victim (Item 1). For Item 3 we also performed non-differential extraction. As the result we obtained DNA mixture in which female:male material ratio was 1:1. We performed statistical analysis of results using "LRMix studio v.2.1.3-Community Edition" (H.Hencel, P.Gill,2016) as do we do with normal results. Value of LR was interpreter in respect of value of the proof and was express in words, using the ENFSI recommendation (ENFSI guideline for evaluative reporting in forensic science, 2015). LR value was count for: Item 3Z (Item 3e - epithelial fraction of differential DNA extraction), Item 3M (Item 3sp - sperm fraction of differential DNA extraction), Item 3 stain (for which we performed non differential DNA extraction), Item 4, We had confirmed comparative material from the victim (Item 1) and the suspect (Item 2) to proceed with analysis. Calculations was based on population database for GlobalFiler PCR Amplification Kit producer of reagents for Caucasian population. We used allele frequencies from that database. This statistical analysis contain below conclusions: 1) Proof from genetic analysis for Item 3Z (Item 3e) sample give extreme high support ($LR=1,98 \times 10^{16}$) for hypothesis, that this sample contain DNA of the victim (Item 1) and DNA of the different, unknown (NN) notrelated person, against to alternative hypothesis saying that this sample contain DNA of two different, unknown (NN), not-related persons. 2) Proof from genetic analysis for Item 3Z (Item 3e) sample give extreme high support ($LR=1,67 \times 10^{13}$) for hypothesis, that this sample contain DNA of the suspect (Item 2) and DNA of the different, unknown (NN) notrelated person, against to alternative hypothesis saying that this sample contain DNA of two different, unknown (NN), not-related persons. 3) Proof from genetic analysis for Item 3M (Item 3sp) sample give extreme high support ($LR=5,22 \times 10^{28}$) for hypothesis, that this sample contain DNA of the suspect (Item 2), against to alternative hypothesis saying that this sample contain different DNA belong to unknown (NN), not-related person. 4) Proof from genetic analysis for Item 3 sample give extreme high support ($LR=4,1 \times 10^{15}$) for hypothesis, that this sample contain DNA of the victim (Item 1) and DNA of the different, unknown (NN) notrelated person, against to alternative hypothesis saying that this sample contain DNA of two different, unknown (NN), not-related persons. 5) Proof from genetic analysis for Item 3 sample give extreme high support ($LR=9,30 \times 10^{15}$) for hypothesis, that this sample contain DNA of the suspect (Item 2) and DNA of the different, unknown (NN) notrelated person, against to alternative hypothesis saying that this sample contain DNA of two different, unknown (NN), not-related persons. 6) Proof from genetic analysis for Item 3 sample give extreme high support ($LR=1,21 \times 10^{40}$) for hypothesis, that this sample contain DNA of the victim (Item1) and DNA of the suspect (Item 2), against to alternative hypothesis saying that this sample contain DNA of two different, unknown (NN), not-related persons. 7) Proof from genetic analysis for Item 4 sample give extreme high support ($LR=8,88 \times 10^{29}$) for hypothesis, that this sample contain DNA of the victim (Item 1), against to alternative hypothesis saying that this sample contain different DNA belong to different, unknown (NN), not-related person.</p>
HNPY8N	<p>The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.</p>

TABLE 8

WebCode	Additional Comments
HQNJM8	Male screening was performed on items 3 and 4 using the Plexor HY quantification kit. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
HTQGZX	Direct to DNA male screening was performed using the Plexor HY quantification kit. Preparation, interpretation, and reporting was performed as directed in [Name]. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 was extracted by a differential extraction method. Full profiles were obtained for the epithelial and sperm cell fractions; however, there was incomplete separation in the epithelial fraction, resulting in a mixture profile. All allele calls from the female donor were observed in the profile; however, most of the alleles from the male donor were also observed due to the incomplete separation. This is a normal observation routinely seen in casework. Item 3 sperm fraction Y-STR's gave partial profile at DYS385, locus is inconclusive for statistical analysis. The extract was amplified at maximum template amount and injected at the maximum time.
HUK3QR	A full profile was obtained from the sperm cell fraction; however, there was incomplete separation. Some alleles consistent with the epithelial fraction donor were detected in the sperm cell fraction. This is a normal observation routinely seen in casework. A full profile was obtained from the epithelial cell fraction; however, there was incomplete separation. Some alleles consistent with the sperm fraction donor were detected in the epithelial cell fraction. This is a normal observation routinely seen in casework. Evidence mixture profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for plus and minus stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.
HXPPD4	NR = No results obtained at this locus. A peak in bin 25 was detected above the stutter threshold at locus D12 for item 3SP. This peak was not reported as it was determined to be either elevated stutter, a genetic anomaly or a combination of both. There was no other indication of a second contributor in that sample.
HZAR6A	Extraction: In-situ extraction method was used to extract DNA from Item 1 and Item 2. Chelex extraction method was used to extract DNA from Item 3 and Item 4. Quantification: DNA quantitation for Item 3 and Item 4 were carried out using the Quantifiler Human DNA Quantification kit with Applied Biosystem Real Time Polymerase Chain Reaction (PCR) 7500 system. Amplification: Amplification of STR (Short Tandem Repeat) genetic loci for Item 1 and Item 2 were carried out using the AmpFISTR Identifiler Direct Amplification Kit and Item 3 and Item 4 were amplified using the AmpFISTR Identifiler Plus PCR Amplification Kit. Amplification of Y-STR (Y-Short Tandem Repeat) genetic loci for Item 2 and Item 3 were carried out using the AmpFISTR Y-filer PCR Amplification kit. Electrophoresis: Capillary electrophoresis for Item 1,2,3 and 4 were carried out using the Applied Biosystems 3500xl Genetic Analyzer with GeneMapper ID-X Software. Quality Control: Reagent blank, positive control and negative control were carried out throughout the analysis and all gave intended results.
J4TWM6	NR: No results
J6H9DX	reporting results with stutter filters on
J79FD2	NR = no results

TABLE 8

WebCode	Additional Comments
J9JC87	Male screening was performed on Items 3 and 4 using the Plexor HY quantification kit. This analyst performed male screening interpretation only and did not perform the male screening processing of these samples. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
J9ZKYL	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
JADX2W	NR = No Results
JBCZTM	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
JBPYG4	A team approach was utilized for the biological screening portion and lab processing of the reference samples. () = possible stutter or minor.
JL9BY9	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA results tables of this form. This approach may result in at least one stutter peak being included in the DNA results table. This analyst was not proficient in serology at this time. Thus, all evidence proficiency samples were extracted with the differential method. Item 4 did not have sperm visualized at the differential step. Thus, having no DNA in the sperm cell fraction was consistent with differential results.
JLA4WF	The acid phosphatase test for item 4 was inconclusive due to substrate color. -- denotes possible additional genetic information may be present; however, no additional alleles were detected.
JLDNL6	NR denotes no results
JZTLR6	NR = No Results
K4KCBL	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
K8MBLE	[--] Possible additional genetic information may be present. No additional peaks were detected; data is below stochastic threshold. Exhibit 4: Questioned Stain from Suspect's shirt: Negative for spermatozoa (semen), however inconclusive for acid phosphatase test due to difficulty in accurately detecting a color change as a result of the substrate color.
K92H8V	NR = NO RESULTS
K9F79M	Male screening was performed on items 3 and 4 using the Plexor HY quantification kit. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one fraction, resulting in a mixture profile in the epithelial cell fraction. Allele calls from both donors were observed in the profile due to the incomplete separation.

TABLE 8

WebCode	Additional Comments
KDDNM3	NID = No Interpretable Data. All inclusions and exclusions were conducted by the analyst outside of the STRmix software program. STRmix was used, however to calculate a likelihood ratio on the following propositions: Item 3 - f1: 1s2s_1sU and f2: 1s2s_1sU. Item 4: 1s_U.
KE3YDV	Reporting with stutter filters on.
KFGJ76	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
KH8LV7	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
KKU7W4	A team approach was utilized for the biological screening portion and lab processing of the reference samples. () = possible stutter or minor.
KLQGX	Male screening was performed on Items 3 and 4 using the Plexor HY quantification kit. The male screening results are as follows: Male DNA was detected on item 3 utilizing Plexor HY. No male DNA was detected on item 4 utilizing Plexor HY. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.
KN9XQ4	Male screening was performed on items 2 and 3 using the Plexor HY quantification kit. Male screening prep was performed by another analyst. Male screening process and interpretation was performed by this analyst. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
KPNXCD	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
KXH8EW	reporting with stutter filters on.
KXXMNQ	Male screening was performed on items 3 and 4 using Plexor HY quantification kit. Information from the analysis was used to determine the presence of male DNA on items 3 and 4.
L2UFDF	3epi has carryover from the sperm fraction. STRmix (with stutter filters on) was used during the analysis of items 3sp and 4
L6VEWK	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).

TABLE 8

WebCode	Additional Comments
L8GJ74	The 18 allele reported at D3S1358 for Item 3e is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software. The 33.2 allele reported at SE33 for Item 3sp is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software.
L8H8JM	No interpretation - Only known samples tested. There are no evidentiary items for comparison at this time. [Laboratory] will retain the mitochondrial DNA profiles for [Name] K1 (Item 1) and [Name] K2 (Item 2) if at any point evidentiary samples should become available for comparison.
LA8LV4	Male screening was performed on the stains from the pillowcase (Item 3) and the shirt (Item 4) using the Plexor HY quantification kit. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
LD8TG2	"NR" used in the allele tables denote "No Results"
LGLDEB	Any labeled peaks seen in the samples from the suspect's shirt and the pillowcase that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. As per laboratory protocol, DYS391 has been deemed INC.
LGNC7X	N/T = Not tested. N/R = No Result.
LR4YHJ	Items 3 and 4 were tested for PSA to determine extraction method. Item 3 tested positive for PSA and was extracted as a differential sample. Item 4 tested negative for PSA and was extracted as a non-differential sample. This serology testing is not part of this proficiency test.
LTMMDL	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Also when needed: Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
LUV444	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
LVB3MT	MiniFiler was used to amplify item 4. Concordant results were obtained at the loci that GlobalFiler and MiniFiler have in common. The non-sperm fraction of item 3 is a mixture. This could be due to incomplete separation during the differential process or from a non-sperm source of DNA. No alleles are present that are foreign to the victim and male donor to the sperm fraction.
LWJF3A	NR = No Results; FB analyst [initials] performed the Forensic Biology screen testing and Y male screen testing on items #3 and #4; Item #4: AP inconclusive due to RB stain; DNA analyst performed the KM testing on items #3 and #4 and reviewed the male screen testing results.
LXAQT3	NR/NE means no results/not expected. NA means not applicable. INC means inconclusive. [Laboratory] reports mixtures as inconclusive (INC).
LYCBR4	The '27' allele reported at D12S391 for Item 3 (pillowcase F2 - DI5591.2) is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software.

TABLE 8

WebCode	Additional Comments
LYQTRN	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
M2NPHG	NR = No Results. * = locus contains allele(s) below stochastic threshold. [Downward arrow symbol was not reproducible in report therefore was replaced with "*" by CTS.]
M3P9W6	ND = Not Detected
M6RJH8	Extraction: 1) Item 1 and Item 2 were extracted using in-situ method. 2) Item 3 was extracted using Chelex extraction method. 3) Item 4 was extracted using Promega DNA IQ on Tecan Freedom EVO 150 platform. Quantification: Item 3 and 4 were quantified using Quantifiler Human DNA Quantitation Kit on QuantStudio 5. Amplifications: 1) Item 1 and Item 2 were amplified using the Globalfiler Express kit on Proflex PCR System. 2) Item 3 and Item 4 were amplified using the AmpFISTR Identifiler Plus kit (in the midst of validating Globalfiler Casework amplification kit) on 9700 GeneAmp PCR System. 3) Item 2 and Item 3 were amplified using AmpFISTR Yfiler kit on 9700 GeneAmp PCR System. Electrophoresis: 1) Item 1 and Item 2 (Globalfiler Express); Item 3 and Item 4 (AmpFISTR Identifiler Plus) were carried out on Genetic Analyzer 3500xL. 2) Item 2 and Item 3 (AmpFISTR Yfiler) were carried out on Genetic Analyzer 3130xL. Quality Control: Reagent Blank, Positive Control and Negative Control were carried out along with the analysis and all gave the intended results.
M6WQV2	NR on DNA results tables stands for "No Results"
M8DAKW	NR = no result detected
MDN7HJ	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
MKLYQD	Item 3 (non-sperm): D3 locus has inconclusive 18 allele as possible high stutter
MQB8JK	An inconclusive peak (INC) at DYS456 was detected in the Yfiler profile for Item 3 EP. Possible elevated stutter or partial tissue specific null allele. It was not observed in corresponding sperm fraction. The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported.
MV3QC3	Male screening interpretation was performed on items 3 and 4. Male screening preparation and processing performed by other analyst(s) using the Plexor HY quantification kit. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
MV4HAA	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).

TABLE 8

WebCode	Additional Comments
N4WBV9	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
N64G7N	Serology only proficiency test
N8VLR9	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
NCMV28	Globalfiler and Globalifer Express kits used for items 1 and 2. Results are concordant. Results concordant at DYS391 in Globalfiler and Yfiler Plus amplifications. NR = no results. Screening tests performed by Forensic Biologist. DNA analyst performed KM only. KM screening results were concordant.
NDFU8T	Reporting results with stutter filters on.
NKG2TM	Male screening was performed on item 3 and item 4 using the Plexor HY quantification kit. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
NN4FL4	ND = not detected
P7FT8Q	Reporting with stutter filters on.
PBQUHW	NR = No results
PL7GUH	Item 3 is inconclusive due to an observed mixture in the data. This laboratory does not interpret mixtures.
PN3ZUN	The Victim (Item 1) cannot be excluded as a contributor in epithelial fraction relating to Item 3.
PTRMEW	01-03 : stain from pillow case (Item 3) Male DNA was detected on this item utilizing the Plexor HY Quantification kit. 01-04 : stain from suspect's shirt (Item 4) No male DNA was detected on this item utilizing the Plexor HY Quantification kit. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
PVE7FU	Reporting STRmix results with stutter filters on. Item 3e shows carryover from 3sp
Q3UZEW	Completed proficiency through serology only. Currently in DNA training.
Q7UB9B	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.

TABLE 8

WebCode	Additional Comments
Q878DF	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
QCJXV4	Reporting with stutter filters on.
QCZ437	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
QDUU8Z	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
QGRBLF	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
QKAMAJ	Items 3 and 4 were not processed for STR analysis. Items 1 and 2 were processed for STR database purposes only. Items 1 through 4 were processed for mtDNA analysis. A serological evaluation was not performed on Items 3 and 4 as it is not necessary to determine the method of processing for mtDNA analysis. A mixed mtDNA profile was obtained from Item 3 and the data is not reported because we do not have a validated protocol for the deconvolution of a mixed mtDNA profile. Since Item 3 is not reported, no interpretation can be made between Items 1 & 3 and Items 2 & 3. A differential extraction, designed to separate sperm heads from epithelial cells, was not performed since it cannot separate mtDNA from multiple contributors.
QP7ZL9	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
QPMADN	The non-sperm fraction and sperm fractions of item 3 are mixtures. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the victim or subject. No alleles are present that cannot be attributed to either the victim or subject from the non-sperm and sperm fraction.
QRDFTE	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
QREC2P	NR = no results
QRVBD2	INC = Inconclusive. NA = Not Applicable. NR/NE = No Results/Not Expected. The Missing Persons Unit reports mixtures as inconclusive and mixtures do not typically proceed to mtDNA testing. Therefore, in regards to Fusion data only, no interpretation was performed on Item 3 and no comparisons were made between Item 3 and Items 1 and 2.
QW982C	y-STRs and mitochondrial DNA is not currently performed at the [State Laboratory].
R4FBG9	Reporting STRmix results with stutter filters on. Item 3e shows carry-over from 3sp.

TABLE 8

WebCode	Additional Comments
R8YFY6	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
REKB6E	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
RGAHK6	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
RHN3DF	Comments for item #3 (sperm/substrate fraction, Global Filer amplification): Several minor alleles were very low-level and deemed artifact/true alleles (A/TA) according to our SOP guidelines. Almost all were consistent with differential extraction carryover, but 3 were not consistent with item 1 (at SE33 and D12S391 loci). The A/TA alleles are '18' @ D18S51, '11' @ D2S441, '16' @ D19S433, '22' @ FGA, '33.2' @ SE33, '25' & '27' @ D12S391.
RMEK7X	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. This analyst was not proficient in serology at this time. Thus, all evidence proficiency samples were extracted with the non-differential method. Item 3 did not have sperm visualized at the differential step.
RQB6C3	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds.
RQDP9H	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Also when needed: Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
RTRFXT	NR = No Results. MiniFiler results were concordant with PowerPlex Fusion results for Items 1, 2 and 4.
RV8WHD	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
RZX9CP	Reporting results with stutter filters on.
T3ZHWQ	NR = No Typing Result Obtained
T8EYJ3	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
T8GJFH	High stutter was noted for the 26 allele at D12S391 on the reference item 2 and the evidence sample 3S.
T8XM2W	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Full profiles were obtained for the epithelial and sperm cell fractions; however, there was incomplete separation. Allele calls from both donors were observed in these mixtures. This is a normal observation routinely seen in casework.

TABLE 8

WebCode	Additional Comments
TAN2DD	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
TBF8LQ	Male screening was performed on Item 3 and Item 4 using the Plexor HY quantification kit. Information from the analysis was used to determine the presence of male DNA on Item 3 and Item 4. Item 3: Male DNA was detected on this item utilizing the Plexor HY Quantification kit. Item 4: No male DNA was detected on this item utilizing the Plexor HY Quantification kit.
TEEHGQ	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form for mixture samples. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. Male screening was performed on items 3 and 4 using the Plexor HY quantification kit.
TFBUJL	The non-sperm fraction of item 3 is a mixture. This could be due to incomplete separation during the differential extraction or a non-sperm source of DNA from the male donor from the sperm fraction. No alleles are present that cannot be attributed to either the victim or the male donor from the sperm fraction. Minifiler was also used to amplify item 1. Concordant results were obtained with GlobalFiler and Minifiler for this item.
TUCNWF	NR = no result
TX99MT	NR = no results
TYFMWJ	Items 3 & 4 were not tested.
U4XXXU	Male screening was performed on Item 3 and Item 4 using the Plexor HY quantification kit. Only interpretation was performed by this analyst for male screening, DNA, and YSTR results. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
U93YRW	"NR/NE" MEANS NO RESULTS/NOT EXPECTED. INC=INCONCLUSIVE. NA=NOT APPLICABLE. [Laboratory] REPORTS MIXTURES AS INC
UAYATR	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 (Pillowcase) in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.

TABLE 8

WebCode	Additional Comments
UNXEZ4	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
UTEJUR	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in the epithelial cell fraction resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
UVGH6K	NR = No results
UVGKWB	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
UX3DJD	Item 3 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
V3YAUP	Male Screening was performed on items 3 and 4 using the Plexor HY Quantification Kit. Analyst completed only the preparation, lysis and quantification portion of the Male Screening process. No interpretation was completed.
V6MHKD	Removed stutter/n+4 artifacts for CTS profile entries.
VBTHEF	Male screening was performed on items 3 and 4 using the Plexor HY quantification kit.
VDUJGY	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
VEMGMJ	Reporting with stutter filters on.
VJJ2TN	Male Screening was performed on Items 3 and 4 using the Plexor HY Quantification kit. Information from the analysis was used to determine the presence of male DNA on Items 3 and 4. Item 3: Male DNA was detected on this item utilizing the Plexor HY Quantification kit. Item 4: No male DNA was detected on this item utilizing the Plexor HY Quantification kit.
VJN97H	Item 3 (sp) - possible additional low level DNA below our laboratories reporting threshold.
VNYC9D	^ = Alleles below laboratories stochastic threshold
WXXXT	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
VXN6EJ	reporting results with stutter filters on
W6XQZR	Mixtures reported as INC. No result/Not Expected recorded as NR/NE. Not tested reported as NA.

TABLE 8

WebCode	Additional Comments
W9F7C6	The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples. Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test.
WCG7C3	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
WD8G4U	The male from the sperm fraction of Item 3 is consistent with the minor contributor in the epithelial fraction of Item 3. Alleles in () in the epithelial fraction indicate possible stutter or minor peaks, assuming a single minor and using the sperm fraction male to distinguish stutter from possible stutter or minor peaks. A team approach was utilized for the biological screening portion and lab processing of the reference samples.
WER8G9	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
WEZCJC	No interpretation - Only known samples tested. There are no evidentiary items for comparison at this time. [Laboratory] will retain the mitochondrial DNA profiles for [Name] K1 (Item 1) and [Name] K2 (Item 2) if at any point evidentiary samples should become available for comparison.
WFYC9C	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation. Male screening was performed on items 3 and 4 using the Plexor HY quantification kit. Minifiler manual interpretation was performed on item 3.
WHMPRU	Extraction: Item 1 and Item 2 were extracted using in-situ method while Item 3 and Item 4 were extracted using the Chelex extraction method. Quantification: Item 3 and Item 4 were quantified using the Quantifiler Human DNA Quantification kit on the Applied Biosystem Real Time Polymerase Chain Reaction (PCR) 7500 System. Amplification: Item 1 and Item 2 were amplified using the AmpFLSTR Identifiler Direct PCR Amplification kit while Item 3 and Item 4 were amplified using the AmpFLSTR Identifiler Plus PCR Amplification kit on the 9700 GeneAmp PCR System. Y-STR (Y-Short Tandem Repeat) amplification was carried out on Item 2 and Item 3 using AmpFLSTR Yfiler PCR Amplification kit on the 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis was carried out on the Applied Biosystem 3500xl Genetic Analyzer with Genemapper ID-X Software for Item 1 and Item 2 (Identifiler Direct) and Item 3 and Item 4 (Identifiler Plus). Electrophoresis for Yfiler was carried out on the Applied Biosystem 3500xl Genetic Analyzer with Genemapper ID-X Software for Item 2 and Item 3. Quality Control: Reagent blank, positive control and negative control were carried out throughout the analysis and all gave intended results.
WJ38RE	Male screening was performed on items 3 and 4 using the Plexor HY quantification kit.
WL7TQD	NR = no results

TABLE 8

WebCode	Additional Comments
WQ3LF2	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
WRQ9JN	NR = No DNA Typing Results
WTTNMB	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
WUF98K	Reporting results with stutter filters on.
WWRYJB	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
WXH6Y2	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
WYT6UA	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
X34JVL	NR = No Results
X42WFT	Extraction: Item 3 was extracted using Differential Extraction. Item 4 was extracted using Chelex Extraction. Quantification: Item 3 and Item 4 were quantified using Quantifiler Human Quantification Kit. Amplification: Item 1 and Item 2 were amplified using AMPFISTR Identifiler Direct Kit on 9700 GeneAmp PCR System. Item 3 and Item 4 were amplified using AMPFISTR Identifiler Plus Kit on 9700 GeneAmp PCR System. Item 2 and Item 3 were amplified using AMPFLSTR YFiler Kit on 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis for Identifiler Direct PCR products of Item 1 and Item 2 were using Genetic Analyzer 3500xl - Electrophoresis for Identifiler Plus PCR products of Item 3 and Item 4 were using Genetic Analyzer 3500xl. Electrophoresis for Y Filer PCR products of Item 2 and Item 3 were carried out using Genetic Analyzer 3500xl. Quality Control: Reagent blank, Positive control and Negative Control were carried out through analysis and all gave intended results.
X7AXTC	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported.
X8HEGA	NR = No Results. ^ = Allele below stochastic threshold (500 RFUs).
XB38TD	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3, the pillow case in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
XGLCJR	A team approach was utilized for the biological screening portion and lab processing of the reference samples. () = potential minor alleles that are indistinguishable from stutter.
XK7EAX	This laboratory does not perform mitochondrial or Y-STR DNA testing. Analysis performed with stutter filters on.

TABLE 8

WebCode	Additional Comments
XLLH6P	Male Screening was performed by [Name] on Item 3(Questioned stain from pillowcase) and item 4(Questioned stain from suspect's shirt)using the plexor HY quantification kit. Male screening interpretation was performed by this analyst [Name].
XLMB3X	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds
XMF99J	Reporting with stutter filters on.
XNK4J9	Inconclusive mtDNA control region data is being reported for Item 3 due to the presence of multiple mtDNA sequences within the mtDNA extracted from the sample.
XTFVXX	Any labeled peaks that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. Results for DYS391 are reported as INC per laboratory policy.
XTK4BR	The 18 allele at D3S1358 for Item 3sp and substrate (F3) fractions is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as a stutter peak versus a true minor allele that would be considered with profile interpretation using probabilistic genotyping software as needed.
XUB7ZR	Performed TMB, PHT, ALS, AP, p30, and microscopic tests. Performed robot run (Hamilton AutoLys StarPlus automated platform operation) for [Name], including: Extraction and Purification (PrepFiler, automated set up), Quantification (Quantifiler Duo, 7500, automated set up), and Amplification (24plex, Thermal Cycler 9700, automated set up). This analyst is not qualified to do manual extractions or to interpret DNA data.
XVQNZC	For item 3sp (sperm fraction, Globalfiler amp): Minor allele 17 (60 RFU) at locus D3S1358 is in forward stutter to major 16 allele (2974 RFU). Minor allele 25 (314 RFU) at locus D12S391 is in reverse stutter to major allele 26 (1849 RFU). High RFUs were noted; based on laboratory's interpretation guidelines 17 allele and 25 allele reported at D3S1358 and D12S291, respectively.
XW48W4	"Reporting STRmix results with stutter filters on". Item 3e shows carry-over from Item 3sp. Item 3sp shows carry-over from Item 3e.
XXFUG3	Item 3 - higher than typical stutter noted in profile. Items 3 and 4 - any allele marked specifically to be modeled as stutter in STRmix was not included in the allele table provided (per policy).
XZZXWM	NR = No Results. DYS391 for YF and GF are concordant for Item 1 and Item 3.
Y3KVDQ	Male screening was performed on Items 3 and 4 using the Plexor HY quantification kit. This analyst performed interpretation of the data only. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
Y69PUR	The 18 allele reported at D3S1358 for Item 3e, the 33.2 allele observed at SE33 and the 27 allele observed at D12S391 for Item 3's (substrate fraction) are all in elevated stutter positions and were not filtered with the laboratory analysis software. Per laboratory protocol, they would be modeled as stutter versus true minor alleles using probabilistic genotyping software.

TABLE 8

WebCode	Additional Comments
Y7YXTU	Extraction: Item 1 and Item 2 were extracted using in-situ method. Item 4 was extracted using chelex extraction method. Item 3 was extracted using differential extraction method. Quantification: Item 3 and Item 4 were quantified using ABI Quantifiler Human DNA Quantification Kit on ABI QuantStudio 5 Real-Time PCR System. Amplification: Item 1 and Item 2 were amplified using GlobalFiler Express PCR Amplification Kit on Proflex PCR System. Item 3 and Item 4 were amplified using AmpFLSTR Identifiler Plus PCR Amplification Kit on ABI GeneAmp PCR System 9700. Item 2 and Item 3 were amplified using AmpFLSTR Yfiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Electrophoresis: Item 1, Item 2(GlobalFiler Express Kit), Item 3 and Item 4 (Identifiler Plus Kit)were carried out on ABI 3500xL Genetic Analyzer. Item 2 and Item 3(Y-Filer Kit) were carried out on ABI 3130xL Genetic Analyzer. Quality Control: Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave intended results.
Y9QTF4	Reporting STRmix results with stutter filters on. Item 3epi shows carry over from Item 3sp
YBVGXE	reporting results with stutter filters on
YCDG6B	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Also when needed: Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
YFBM32	Bio screening performed by [Name].
YK6LCP	Male screening was performed on items 3 and 4 using the Plexor HY quantification kit. Interpretation only performed by this analyst for Male screening, DNA-STR, and Y-STRs. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
YNJE8P	NR = No Results
YNJJHR	Genotype data was not entered for this proficiency because this analyst is only qualified/authorized to process samples through extraction at this time. Item 1 was extracted using a manual method.
YQAPXH	Results reported with stutter filters on
YQD6D4	DNA interpretations not reported, only Items 1 and 2 processed for casework batch reference sample proficiency. Biology screening only performed on Items 3 and 4.
YTDF7H	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Additionally, item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
YXVD2Z	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter in the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).

TABLE 8

WebCode	Additional Comments
ZC6LCN	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. Item 3 in this test was extracted by a differential extraction method. Full profiles were obtained for the epithelial cell and sperm cell fractions; however, there was incomplete separation in one or both fractions, resulting in a mixture profile. Allele calls from both donors were observed in the profile due to the incomplete separation.
ZCBV9U	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds. N/A - Not Applicable.
ZEVRTE	Results reported with stutter filters on
ZGZKKR	NR/NE = No Results/Not Expected. NA = Not Applicable. INC = Inconclusive. Y = C/T. The [Laboratory] reports mixtures as Inconclusive (INC). The conclusion for Item 2 and Item 3 is based on Yfiler results. The conclusion for Item 1 and Item 3 is based on mitochondrial DNA results.
ZHWVML	Male screening was performed using the Plexor HY Quantification Kit on items 3 and 4. 01-03 : pillowcase from victim's bed (item 3) Male DNA was detected on this item utilizing the Plexor HY Quantification kit. 01-04 : shirt from Male (Item 4) No Male DNA was detected on this item utilizing the Plexor HY Quantification kit.
ZMKPAL	NR = No results obtained at this locus.
ZRG66N	Per [Laboratory] interpretation guidelines, mixtures are reported as inconclusive; therefore, no interpretation was made between items 1 and 3. INC = inconclusive. NA = not applicable. NR/NE = no results/not expected.
ZUPCCM	Male screening was performed on Item 3 and Item 4 using the Plexor HY quantification kit.
ZWFJRD	For items interpreted with STRmix, the Globalfiler STR results include all possible alleles for all interpreted genotypes. This may incorporate stutter peaks that would have been filtered during conventional analysis.
ZXPJVV	Exh. 4: AP inconclusive due to fabric color. -- Possible additional genetic information may be present.
ZY2HRU	[] - indicates minor allele/s and alleles between analytical and stochastic thresholds. N/A - Not Applicable.
ZYGQU3	Reporting STRmix results with stutter filters on. Item 3e shows carry-over from Item 3s and Item 3s shows carry-over from Item 3e.

-End of Report-
(Appendix may follow)

Test No. 20-5702: Forensic Biology

DATA MUST BE SUBMITTED BY **June 1, 2020, 11:59 p.m.** TO BE INCLUDED IN THE REPORT

Participant Code: U1234D

WebCode: M79LGT

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

Scenario:

Police are investigating the sexual assault of a female victim. The victim claims her boyfriend came home drunk and after she denied his advances, he beat and raped her. The victim went to the police the following morning and the boyfriend was arrested. Investigators are submitting a stain from a pillowcase (Item 3) found on the victim's bed and a stain from the shirt (Item 4) the suspect was wearing. Also collected were known blood samples from the female victim (Item 1) and the male suspect (Item 2).

Items Submitted (Sample Pack B2):

Item 1: Known blood from the female victim

Item 2: Known blood from the male suspect

Item 3: Questioned stain from pillowcase (yellow)

Item 4: Questioned stain from suspect's shirt (blue)

Part I: SCREENING TESTS

Note: Laboratories submitting their results for ASCLD/LAB or NATA accreditation **MUST** identify any screening tests performed and report the test results.

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

Please use the abbreviations listed in this response key to fill in the Screening Test tables on this tab. This is not an all inclusive list of tests, and should not be used to determine what tests should be performed.

TESTS NOT ON THIS LIST MAY BE USED FOR SCREENING.

Test	Abbreviation	Test	Abbreviation
Acid Phosphatase	AP	Alternate Light Source	ALS
Kastle Meyer	KM	Leucomalachite Green	LMG
Microscopic	Micro	Ortho-tolidine	O-tol
Phenolphthalein-Tetramethyl benzidine	PTMB	Prostate Specific Antigen	PSA
Rapid Stain Identification	RSID	Tetramethyl benzidine	TMB

Example:	<u>Positive</u>	<u>Negative</u>	<u>Inconclusive</u>	<u>Not Tested</u>	<u>Test(s) Performed</u>
Blood	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	KM, O-tol, PTMB
Semen	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	PSA
Saliva	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Other Specified Body Fluid	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Please indicate the Test(s) Performed on the corresponding line for each type of screening.

Item 3:

	<u>Positive</u>	<u>Negative</u>	<u>Inconclusive</u>	<u>Not Tested</u>	<u>Test(s) Performed</u>
Blood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Semen	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Saliva	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Other: <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>

Item 4:

	<u>Positive</u>	<u>Negative</u>	<u>Inconclusive</u>	<u>Not Tested</u>	<u>Test(s) Performed</u>
Blood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Semen	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Saliva	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Other: <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>

Part II (continued): DNA Analysis - Mitochondrial DNA

- Report the range of bases sequenced for each Item tested in the appropriate box.
- List the base pair values and the associated deviations from the standard Anderson sequence in the designated boxes below each Item number.
- Click "Add Row" to show another row of boxes for entry.

HVR I	Item 1	Item 2	Item 3	Item 4
Bases Sequenced:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

HVR II	Item 1	Item 2	Item 3	Item 4
Bases Sequenced:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Part III: DNA INTERPRETATION

Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?

		<u>Victim (Item 1).</u>		<u>Suspect (Item 2).</u>	
		Item 3	Item 4	Item 3	Item 4
Yes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Yes	<input type="radio"/>
No	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	No	<input type="radio"/>
Inconclusive	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Inconclusive	<input type="radio"/>
No Interpretation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	No Interpretation	<input type="radio"/>

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

Part IV: ADDITIONAL COMMENTS

- Use this section to report comments regarding any part of this test.
- Written conclusions (including statistical information) for DNA analysis are not required.
- Any interpretations based on the results obtained should be indicated in the section above.
- Note: Laboratories submitting their results for accreditation are asked to report any additional information that will assist in the review of their results. This includes an explanation of any deviations from a full completion of the test and/or unique findings such as elevated stutter.

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

RELEASE OF DATA TO ACCREDITATION BODIES

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

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

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

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

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

ANAB Certificate No.
(Include ASCLD/LAB Certificate here)

A2LA Certificate No.

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

Authorized Contact Person and Title

Laboratory Name

Location (City/State)