



## **Forensic Biology Test No. 19-5702 Summary Report**

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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 739 participants and are compiled into the following tables:

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

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

## **Manufacturer's Information**

Each sample pack consisted of two known bloodstains on FTA Micro cards (Items 1 & 2), and two questioned stains; one on clean, 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, 3, and 4 were prepared using human whole blood which was either drawn into citric acid preservative bags or EDTA tubes. Item 1 (75  $\mu$ l) was created using blood collected from a female donor. Items 2 (75  $\mu$ l) and 3 (50  $\mu$ l) were created using blood collected from the same male donor. Item 4 (50  $\mu$ l) was a 1:1 mixture that was prepared using blood from the Item 1 female donor and blood from another female donor. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on March 5, 2019 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

<b>Amelogenin and STR Results</b>						
<i>Results compiled from predistribution laboratories and a consensus of at least 10 participants.</i>						
Item	<b>D1S1656</b>	<b>D2S1338</b>	<b>D2S441</b>	<b>D3S1358</b>	<b>D5S818</b>	<b>D6S1043</b>
	<b>D7S820</b>	<b>D8S1179</b>	<b>D10S1248</b>	<b>D12S391</b>	<b>D13S317</b>	<b>D16S539</b>
	<b>D18S51</b>	<b>D19S433</b>	<b>D21S11</b>	<b>D22S1045</b>	<b>Amelogenin</b>	<b>CSF1PO</b>
	<b>FGA</b>	<b>Penta D</b>	<b>Penta E</b>	<b>SE33</b>	<b>TH01</b>	<b>TPOX</b>
	<b>vWA</b>	<b>DYS391</b>	<b>DYS570</b>	<b>DYS576</b>	<b>Y Indel</b>	
1	14,16	20,20	12,14	15,15	11,11	12,12
	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18	NM	NM	NM	NM	
2	16.3,17.3	22,25	11.3,14	15,17	12,13	12,13
	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16	2	
3	16.3,17.3	22,25	11.3,14	15,17	12,13	12,13
	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16	2	
4	12,14,15,16	18,20	11,12,14	15,16,17	11,11	12,12
	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NM	NM	NM	NM	

<b>YSTR Results</b>									
<i>Results compiled from predistribution laboratories and a consensus of at least 10 participants.</i>									
Item	<b>DYF387S1</b>	<b>DYS19</b>	<b>DYS385</b>	<b>DYS389-I</b>	<b>DYS389-II</b>	<b>DYS390</b>	<b>DYS391</b>	<b>DYS392</b>	<b>DYS393</b>
	<b>DYS437</b>	<b>DYS438</b>	<b>DYS439</b>	<b>DYS448</b>	<b>DYS449</b>	<b>DYS456</b>	<b>DYS458</b>	<b>DYS460</b>	<b>DYS481</b>
	<b>DYS518</b>	<b>DYS533</b>	<b>DYS549</b>	<b>DYS570</b>	<b>DYS576</b>	<b>DYS627</b>	<b>DYS635</b>	<b>DYS643</b>	<b>YGATAH4</b>
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11	11	21	16	18	21	14	11
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11	11	21	16	18	21	14	11

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.*

Item	HVR-II	HVR-I
<b>1</b>	<b>50-393</b>	<b>16024-16390</b>
<b>2</b>	<b>64-393</b>	<b>16024-16390</b>
<b>3</b>	<b>64-385</b>	<b>16024-16377</b>

#### **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.*

	93.0	186.0	263.0	315.1	16192.0
<b>ITEM 1</b>	G	A	G	C	T

	263.0	309.1	315.1	16221.0	16519.0
<b>ITEM 2</b>	G	C	C	T	C

	263.0	309.1	315.1	16221.0
<b>ITEM 3</b>	G	C	C	T

## Summary Comments

The 19-5702 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). Item 1 was created using blood from a female donor. Items 2 and 3 were each created using blood from the same male donor. Item 4 was created using blood from the Item 1 female donor and blood from another female donor. (See Manufacturer's Information for preparation details)

Data were returned by 739 participants.

### Screening Test Results:

Screening results were returned by a total of 673 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 666 participants that returned results reported "Positive" for the presence of blood. For the presence of semen, all 406 participants that returned results reported "Negative". For the presence of saliva, all 129 participants that returned results for saliva reported "Negative" results.

For Item 4, all 666 participants that returned results reported "Positive" for the presence of blood. For the presence of semen, all 408 participants that returned results reported "Negative" results. For the presence of saliva, all but one of the 124 participants that returned results for saliva, reported "Negative" results. This one remaining participant reported "Inconclusive" results.

### DNA Analysis Results:

Of the 680 participants that returned results, 650 reported DNA interpretations. Twenty-four participants stated that the samples were only analyzed for database purposes and three selected the "No Interpretations" option individually for all Interpretation questions.

For the Item 3 stain, all participants that reported interpretations excluded the victim (Item 1) and included the suspect (Item 2) as possible contributors.

For the Item 4 stain, all but eight participants that reported interpretations included the victim (Item 1) and excluded the suspect (Item 2) as possible contributors. These eight participants all reported "Inconclusive" results for the interpretations of the Item 4 stain and indicated in their comments that they do not interpret mtDNA mixtures.

A total of 29 participants reported allelic results that differed from consensus/predistribution results for one or more items. Most of these participants reported an additional allele at one or more loci for the questioned samples (Items 3 and 4) with many of these participants reported utilizing probabilistic genotyping (PG) software and indicating in their comments that filters may not be applied for some or all reported loci. Based on the interpretations above, these inconsistencies did not appear to affect these participants' conclusions.

Of the total participants returning DNA results, 35% reported the use of PG software. There were several types of software used. However, the genotyping software STRmix was reported most frequently by participants.

## 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
22QRXJ					
Item 3	Pos	TMB	Neg	ALS, AP	NT
Item 4	Pos	TMB	Neg	ALS, AP	NT
23ZWC8					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Neg	ALS, AP	NT
248DAC					
Item 3	Pos	KM, HemaTrace	NT		NT
Item 4	Pos	KM, HemaTrace	NT		NT
24RZKF					
Item 3	Pos	ABAcad HemaTrace	NT		NT
Item 4	Pos	ABAcad HemaTrace	NT		NT
2844ZY					
Item 3	Pos	TMB	NT		NT
Item 4	Pos	TMB	NT		NT
28RCGF					
Item 3	Pos	HEMA-TRACE	Neg	p30, Micro	NT
Item 4	Pos	HEMA-TRACE	Neg	p30, Micro	NT
29CVVF					
Item 3	Pos	KM, HemDirect	NT		NT
Item 4	Pos	KM, HemDirect	NT		NT
29Y722					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Neg	ALS, AP	NT
2FELC6					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
2FEZR6					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
2FHVYU					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
2FYNGD					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
2JAVAC					
Item 3	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
2KJKJG					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
2L2QCF					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
2MFM2W					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
2MQ96Z					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
2N3UQT					
Item 3	Pos	RSID, KM	NT	NT	
Item 4	Pos	RSID, KM	NT	NT	
2P8P2J					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
2QZB9A					
Item 3	Pos	LMG, ABA HemaTrace	Neg ALS, AP, PSA	NT	
Item 4	Pos	LMG, ABA HemaTrace	Neg ALS, AP, PSA	NT	
2TBCQG					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
2TEQJC					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
2UBM67					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
<b>2UW7G</b>					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
<b>2Y4HHQ</b>					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg Phadebas	Human Origin, Pos PowerQuant, HemaTrace
Item 4	Pos	KM, Takayama	Neg AP	Neg RSID Saliva	Human Origin, Pos PowerQuant
<b>2YBZY9</b>					
Item 3	Pos	LMG, HT	Neg AP	NT	
Item 4	Pos	LMG, HT	Neg AP	NT	
<b>2YCNDF</b>					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
<b>342HQ8</b>					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
<b>36QHLC</b>					
Item 3	Pos	LMG, HemaTrace	Neg AP (brentamine)	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP (brentamine)	NT	
<b>3846EA</b>					
Item 3	Pos	LMG, HemaTrace	Neg PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg PSA, Micro	NT	
<b>38ANPD</b>					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
<b>38MA72</b>					
Item 3	Pos	KM	Neg AP, Micro	Neg Phadebas	
Item 4	Pos	KM	Neg AP, Micro	Neg Phadebas	
<b>3AJMB8</b>					
Item 3	Pos	KM, HemaTrace	Neg Seratec	NT	
Item 4	Pos	KM, HemaTrace	Neg Seratec	NT	
<b>3ATUWM</b>					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	
<b>3C873Y</b>					
Item 3	Pos	TMB	NT	NT	
Item 4	Pos	TMB	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
<b>3FLWFE</b>					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
<b>3FYL87</b>					
Item 3	Pos	LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos	LMG	Neg AP	Neg RSID-Saliva	
<b>3GDUML</b>					
Item 3	Pos	KM	NT	Neg RSID	
Item 4	Pos	KM	NT	Neg RSID	
<b>3HYWNF</b>					
Item 3	Pos	LMG	Neg AP	NT	
Item 4	Pos	LMG	Neg AP	NT	
<b>3LHBL3</b>					
Item 3	Pos	LMG, RSID-Blood	Neg AP, RSID-Semen	Neg RSID-Saliva	
Item 4	Pos	LMG, RSID-Blood	Neg AP, RSID-Semen	Neg RSID-Saliva	
<b>3MHPE9</b>					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	
<b>3P8YGM</b>					
Item 3	Pos	KM	NT	NT	Human, Pos PowerQuant
Item 4	Pos	KM	NT	NT	Human, Pos PowerQuant
<b>3VCU9A</b>					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
<b>3W7HMX</b>					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
<b>3WUTTE</b>					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
<b>47J3B2</b>					
Item 3	Pos	KM, HemDirect	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos	KM, HemDirect	Neg ALS, AP, PSA, Micro	NT	
<b>48BMWU</b>					
Item 3	Pos	Hemastix	NT	NT	
Item 4	Pos	Hemastix	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
493R3K	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
49CX4M	Item 3	Pos KM	Neg AP, Micro	NT	
	Item 4	Pos KM	Neg AP, Micro	NT	
49NFPY	Item 3	Pos Hexagon-Obti	Neg PSA	Neg Phadebas Amylase Test	
	Item 4	Pos Hexagon-Obti	Neg PSA	Neg Phadebas Amylase Test	
4AT3TD	Item 3	Pos KM	Neg ALS, AP	NT	
	Item 4	Pos KM	Neg ALS, AP	NT	
4BYG87	Item 3	Pos O-tol, Seratec PMB	Neg AP, Seratec PSA, Micro	Neg Seratec Amylase, Micro	
	Item 4	Pos O-tol, Seratec PMB	Neg AP, Seratec PSA, Micro	Neg Seratec Amylase, Micro	
4E38G7	Item 3	Pos TMB, RSID	Neg PSA	Neg Phadebas	
	Item 4	Pos TMB, RSID	Neg PSA	Neg Phadebas	
4E64XH	Item 3	Pos KM, HemaTrace	NT	Neg RSID	
	Item 4	Pos KM	NT	Neg RSID	
4GTHFZ	Item 3	Pos KM, HemaTrace	Neg AP	NT	
	Item 4	Pos KM, HemaTrace	Neg AP	NT	
4HQMEA	Item 3	Pos KM, HemaTrace	NT	NT	
	Item 4	Pos KM, HemaTrace	NT	NT	
4J7CTZ	Item 3	Pos KM, HemaTrace	NT	NT	Human origin, Pos PowerQuant
	Item 4	Pos KM, HemaTrace	NT	NT	Human origin, Pos PowerQuant
4J7VR2	Item 3	Pos LMG, RSID	Neg AP, RSID	Neg RSID	
	Item 4	Pos LMG, RSID	Neg AP, RSID	Neg RSID	
4K8B3Y	Item 3	Pos O-tol	NT	NT	
	Item 4	Pos O-tol	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
4L6JL4					
Item 3	Pos	KM, HemaTrace	Neg AP, Seratec, Micro	NT	
Item 4	Pos	KM, HemaTrace	Neg AP, Seratec, Micro	NT	
4LDURW					
Item 3	Pos	TMB			
Item 4	Pos	TMB			
4M8FM9					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
4RDT88					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
4T8JBZ					
Item 3	Pos	KM, hemdirect	Neg AP	NT	
Item 4	Pos	KM, hemdirect	Neg AP	NT	
4TA7QT					
Item 3	Pos	PTMB, HemaTrace	Neg PSA, AP, ALS	Neg Phadebas	urine, Neg Uritrace
Item 4	Pos	PTMB	Neg PSA		
4U8YKX					
Item 3	Pos	Hemastix, HemaTrace	Neg AP, ABA Card p30	Neg RSID	
Item 4	Pos	Hemastix, HemaTrace	Neg AP, ABA Card p30	NT	
4UQ2RQ					
Item 3	Pos	KM, HemaTrace	Neg PSA	Neg RSID	
Item 4	Pos	KM, HemaTrace	Neg PSA	Neg RSID	
4VNX8T					
Item 3	Pos	LMG	NT	Neg RSID	
Item 4	Pos	LMG	NT	Neg RSID	
4VZN8Y					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
4WKBYR					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
4Y8V2B					
Item 3	Pos	KM, TMB	NT	NT	
Item 4	Pos	KM, TMB	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
4ZREGB					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
4ZU2V4					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
688ZUR					
Item 3	Pos	KM	Neg AP and Micro	Neg RSID	
Item 4	Pos	KM	Neg AP and Micro	Neg RSID	
6AZVPY					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
6BZV7C					
Item 3	Pos	TMB	Neg ALS/AP	NT	Species Origin Test, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS/AP	NT	Species Origin Test, Pos HemaTrace
6DAAXY					
Item 3	Pos	KM/HemaTrace	Neg AP/p30	Neg Phadebas	
Item 4	Pos	KM/HemaTrace	Neg AP/p30	Neg Phadebas	
6DBKCP					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	
6DJQRR					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
6EVYPD					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
6GYV33					
Item 3	Pos	KM, Takayama	Neg AP	NT	
Item 4	Pos	KM, Takayama	Neg AP	NT	
6HVZHZ					
Item 3	Pos	LMG	NT	Neg SALigAE	
Item 4	Pos	LMG	NT	Neg SALigAE	
6LZ494					
Item 3	Pos	TMB, HemaTrace	Neg AP, ALS	NT	
Item 4	Pos	PHT	Neg AP, ALS	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
6N7NXP					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
6NQFX4					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
6NTABF					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
6PACEA					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
6RAJHR					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
6RXTNH					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
6TE9NG					
Item 3	Pos	O-tol	NT	NT	
Item 4	Pos	O-tol	NT	NT	
6X8EZX					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
6YGYTM					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
6YVGL9					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
6ZBKMD					
Item 3	Pos	HemDirect	Neg PSA, Micro	Neg Phadebas, RSID	
Item 4	Pos	HemDirect	Neg PSA, Micro	Neg Phadebas, RSID	
73TGYB					
Item 3	Pos	KM, HemaTrace	Neg 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
74F2KE					
Item 3	Pos	KM, Hexagon	NT	NT	
Item 4	Pos	KM, Hexagon	NT	NT	
76Z8CY					
Item 3	Pos	KM	Neg AP, PSA	Neg Phadebas	Blood, Pos HemaTrace
Item 4	Pos	KM	Neg AP, PSA	Neg Phadebas	Blood, Pos HemaTrace
78Q9RK					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
7A7ABZ					
Item 3	Pos	TMB	Neg ALS, AP, Micro	NT	Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP, Micro	NT	Origin, Pos HemaTrace
7ANDRD					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
7B39GY					
Item 3	Pos	KM, HemaTrace	NT	NT	Human origin, Pos PowerQuant
Item 4	Pos	KM, HemaTrace	NT	NT	Human origin, Pos PowerQuant
7CT7G7					
Item 3	Pos	Hemastix, Takayama, HemaTrace	NT	NT	
Item 4	Pos	Hemastix, Takayama, HemaTrace	NT	NT	
7D4NYP					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
7D9DV3					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
7E3KDY					
Item 3	Pos	KM, ABACard	NT	NT	
Item 4	Pos	KM, ABACard	NT	NT	
7FL7HU					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
7HC8NH					
Item 3	Pos	O-tol	NT	NT	
Item 4	Pos	O-tol	NT	NT	
7KCK3U					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
7L6ERZ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
7QCNEF					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
7QLW42					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
7R23WX					
Item 3	Pos	TMB, KM, HemaTrace	Neg AP, ALS, Micro	NT	
Item 4	Pos	TMB, KM, HemaTrace	Neg AP, ALS, Micro	NT	
7T7LEF					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
7T7NXT					
Item 3	Pos	O-tol, RSID	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
7UVNRB					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
7VZ6V8					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
7WVTBW					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
7Y7T6V					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
7ZPT4X					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
7ZUCZ2					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
82CEX3					
Item 3	Pos	ALS, KM	Neg ALS, AP	NT	
Item 4	Pos	ALS, KM	Neg ALS, AP	NT	
82TJHN					
Item 3	Pos	PTMB, HemaTrace	Neg ALS, AP, PSA	Neg Phadebas Tablet	Urine, Neg Uritrace
Item 4	Pos	PTMB, HemaTrace	Neg ALS, AP, PSA	Neg Phadebas Tablet	Urine, Neg Uritrace
87CYFY					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
87PANZ					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
89YHGW					
Item 3	Pos	LMG, HT	Neg AP	NT	
Item 4	Pos	LMG, HT	Neg AP	NT	
8B294Y					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
8BAGTJ					
Item 3	Pos	KM	Neg AP	NT	Human, Pos PowerQuant
Item 4	Pos	KM	Neg AP	NT	Human, Pos PowerQuant
8DNR6W					
Item 3	Pos	KM, Hemdirect	NT	NT	
Item 4	Pos	KM, Hemdirect	NT	NT	
8DPNKK					
Item 3	Pos	KM	NT	NT	seminal fluid, Neg AP
Item 4	Pos	KM	NT	NT	seminal fluid, Neg AP

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
8DYUB2					
Item 3	Pos	KM	Neg AP, ALS	NT	
Item 4	Pos	KM	Neg AP, ALS	NT	
8DZHY8					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
8H9ZYV					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
8KAAMH					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP	Neg Phadebas	
8KBGX6					
Item 3	Pos	LMG, HemaTrace	Neg AP, PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP, PSA, Micro	NT	
8N9NA8					
Item 3	Pos	KM and Hemastix	NT	NT	
Item 4	Pos	KM and Hemastix	NT	NT	
8P4Z34					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
8PUYN9					
Item 3	Pos	TMB	Neg AP, ALS	NT	
Item 4	Pos	TMB	Neg AP, ALS	NT	
8R989W					
Item 3	Pos	KM, Hemirect	Neg AP	NT	
Item 4	Pos	KM, Hemdirect	Neg AP	NT	
8RGHP7					
Item 3	Pos	TMB; HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	TMB; HemaTrace	Neg ALS, AP	NT	
8WPE3A					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
8Y3GCZ					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM, Takayama	Neg AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
8Z6CNV					
Item 3	Pos	LMG, HT	Neg AP	NT	
Item 4	Pos	LMG, HT	Neg AP	NT	
8ZBQAW					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
9444FT					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
949F24					
Item 3	Pos	KM, HT	Neg AP, ALS, p30	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
962EAB					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
99X8YY					
Item 3	NT		NT	NT	Human, Pos Quant Duo
Item 4	NT		NT	NT	Human, Pos Quant Duo
9CKJFH					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
9FQ67V					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
9KQQFP					
Item 3	Pos	LMG	Neg SM	Neg SALIgAE	
Item 4	Pos	LMG	Neg SM	Neg SALIgAE	
9KYM7G					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
9L3CER					
Item 3	Pos	LMG, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
9LNZNZ					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	TMB, HemaTrace	Neg ALS, AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
9MUD36					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
9NKG7Q					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
9NYX2G					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
9TMG3L					
Item 3	Pos	PTMB	Neg AP	NT	
Item 4	Pos	PTMB	Neg AP	NT	
9UVTKM					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	Neg AP	NT	
9WDF6Q					
Item 3	Pos	Visual Examination, Luminol, Phenolphthalin, Takayama, HemDirect	Neg ALS, AP, Micro	Neg Amylase Diffusion	
Item 4	Pos	Visual Examination, Luminol, Phenolphthalin, Takayama	Neg ALS, AP, Micro	Neg Amylase Diffusion	
9WURMW					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
9YL77L					
Item 3	Pos	O-tol	Neg AP, p30, Micro, ALS	NT	
Item 4	Pos	O-tol	Neg AP, p30, Micro, ALS	NT	
9YNDH9					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
9YUV2A					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
9ZADZA					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
A4WKMM						
Item 3	Pos	LMG	NT	Neg	RSID	
Item 4	Pos	LMG	NT	Neg	RSID	
A7NGBG						
Item 3	Pos	KM, HemaTrace	Neg	AP	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Neg	AP	Neg	Phadebas
AANR6V						
Item 3	Pos	KM, HemaTrace	NT		NT	
Item 4	Pos	KM, HemaTrace	NT		NT	
ABB2TY						
Item 3	Pos	KM, HemDirect	NT		NT	
Item 4	Pos	KM, HemDirect	NT		NT	
ABZ263						
Item 3	Pos	LMG, HemaTrace	Neg	AP, PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg	AP, PSA, Micro	NT	
AC6RWR						
Item 3	Pos	TMB, HemaTrace	Neg	AP, PSA, Micro	Neg	Amylase Diffusion
Item 4	Pos	TMB, HemaTrace	Neg	AP, PSA, Micro	Neg	Amylase Diffusion
AD3T66						
Item 3	Pos	KM, HemaTrace	NT		NT	
Item 4	Pos	KM, HemaTrace	NT		NT	
AEADLD						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
AGJT94						
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA	Neg	Phadebas
ALUFTF						
Item 3	Pos	Hemident, HemaTrace	NT		NT	
Item 4	Pos	Hemident, HemaTrace	NT		NT	
AM6BF8						
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg	Phadebas
ANUT9R						
Item 3	Pos	LMG, HemaTrace	NT		NT	
Item 4	Pos	LMG, HemaTrace	NT		NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
AUZ89A					
Item 3	Pos	TMB, IR	Neg	ALS, AP	NT
Item 4	Pos	TMB, IR	Neg	ALS, AP	NT
AV9QNW					
Item 3	Pos	LMG, TMB, KM	Neg	AP, ALS	NT
Item 4	Pos	LMG, TMB, KM	Neg	AP, ALS	NT
AW6494					
Item 3	Pos	TMB	Neg	ALS, AP	NT
Item 4	Pos	TMB	Neg	ALS, AP	NT
AWL7B7					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Neg	ALS, AP	NT
AWZPV4					
Item 3	Pos	ABA Heme	Neg	PSA, Micro	NT
Item 4	Pos	ABA Heme	Neg	PSA, Micro	NT
B3T3JD					
Item 3	Pos	TMB	Neg	ALS, AP	NT
Item 4	Pos	TMB	Neg	ALS, AP	NT
B8DZWE					
Item 3	Pos	KM	Neg	ALS, AP	Blood, Pos HemaTrace
Item 4	Pos	KM	Neg	ALS, AP	Blood, Pos HemaTrace
B8MRAK					
Item 3	Pos	KM	Neg	AP	Neg Phadebas
Item 4	Pos	KM	Neg	AP	Neg Phadebas
B9FUNK					
Item 3	Pos	KM, HemaTrace	Neg	p30, AP	NT
Item 4	Pos	KM, HemaTrace	Neg	p30, AP	NT
BA6874					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Neg	ALS, AP	NT
BDGCLJ					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
BEQVDN					
Item 3	Pos	Seratec HEM	Neg Seratec PSA	NT	
Item 4	Pos	Seratec HEM	Neg Seratec PSA	NT	
BFBQLV					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
BFDKD3					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
BFMPAD					
Item 3	Pos	O-tol, HT	NT	NT	
Item 4	Pos	O-tol, HT	NT	NT	
BGFMHJ					
Item 3	Pos	KM, qRT-PCR	NT	NT	
Item 4	Pos	KM, qRT-PCR	NT	NT	
BGGUT8					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
BKTUKE					
Item 3	Pos	KM	Neg AP	NT	Human, Pos PowerQuant
Item 4	Pos	KM	Neg AP	NT	Human, Pos PowerQuant
BLADX6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
BMYDP2					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
BPGXWP					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
BU3N9Z					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
BUV7PV					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
<b>BUWZNV</b>					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
<b>BVWECU</b>					
Item 3	Pos	KM, ABACard	NT	NT	
Item 4	Pos	KM, ABACard	NT	NT	
<b>BWG369</b>					
Item 3	Pos	ABACard HemaTrace	Neg ALS, ABACard p30, Micro	NT	
Item 4	Pos	ABACard HemaTrace	Neg ALS, ABACard p30, Micro	NT	
<b>BXBQH3</b>					
Item 3	Pos	ABA Heme	Neg PSA, Micro	NT	
Item 4	Pos	ABA Heme	Neg PSA, Micro	NT	
<b>BXVK4X</b>					
Item 3	Pos	HemDirect	NT	NT	
Item 4	Pos	HemDirect	NT	NT	
<b>BYNJC6</b>					
Item 3	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
<b>C3QDB2</b>					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
<b>C3UZQU</b>					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
<b>C4GTCW</b>					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
<b>C6EUKA</b>					
Item 3	Pos	KM	Neg 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
<b>CDVWXJ</b>					
Item 3	Pos	O-tol	Neg AP, Micro, p30, ALS	NT	
Item 4	Pos	O-tol	Neg AP, Micro, p30, ALS	NT	



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
CE88VT					
Item 3	Pos		Neg	NT	
Item 4	Pos		Neg	NT	
CEAKAU					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
CFE6NV					
Item 3	Pos	KM, Combur(TMB)	Neg AP, PSA	Neg Phadebas	
Item 4	Pos	KM, Combur(TMB)	Neg AP, PSA	Neg Phadebas	
CFYB8P					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
CGY8UP					
Item 3	Pos	RSID	Neg RSID	Neg RSID	
Item 4	Pos	RSID	Neg RSID	Neg RSID	
CNAM78					
Item 3	Pos	KM, HemDirect, Takayama, Luminol	Neg AP, Micro, ALS	Neg Amylase Diffusion	
Item 4	Pos	KM, Luminol	Neg AP, ALS	Neg Amylase Diffusion	
CNXF7N					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
CP2LK7					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
CPTTXM					
Item 3	Pos	KM	Neg AP, Micro for Sperm	NT	
Item 4	Pos	KM	Neg AP, Micro for Sperm	NT	
CQVCQK					
Item 3	Pos	PTMB, HemaTrace	Neg AP, p30, ALS	Neg Phadebas Tablet	Urine, Neg Uritrace
Item 4	Pos	PTMB, HemaTrace	Neg AP, p30, ALS	Neg Phadebas Tablet	Urine, Neg Uritrace
CREFTV					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
CV6P8J					
Item 3	Pos	PTMB, HemaTrace	Neg AP, PSA	Neg Phadebas	Urine, Neg Uritrace
Item 4	Pos	PTMB	Neg AP	NT	
D23XHN					
Item 3	Pos	LMG, HemaTrace	Neg AP, ALS	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP, ALS	NT	
D63X2U					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
D7BBAW					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
D7LQB4					
Item 3	Pos	TMB	Neg ALS, AP	NT	species origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	species origin, Pos HemaTrace
DAXMNT					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
DBU8BR					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
DEE2KY					
Item 3	Pos	TMB, Micro, HemaTrace	NT	NT	
Item 4	Pos	TMB, Micro, HemaTrace	NT	NT	
DEHL9U					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
DF9NYN					
Item 3	Pos	LMG	Neg ALS, AP	NT	
Item 4	Pos	LMG	Neg ALS, AP	NT	
DJAX37					
Item 3	Pos	KM, Hemdirect, luminol, Takayama	Neg ALS, STMP	NT	
Item 4	Pos	KM	Neg ALS, STMP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
DJCKGX					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
DJZCY3					
Item 3	Pos	KM			
Item 4	Pos	KM			
DKVWL2					
Item 3	Pos	KM, TMB	Neg AP, PSA, Micro	Neg RSID	
Item 4	Pos	KM, TMB	Neg AP, PSA, Micro	Neg RSID	
DKWDD7					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
DMGEVN					
Item 3	Pos	Hemastix, HemaTrace	Neg AP, Micro, PSA	Neg RSID	
Item 4	Pos	Hemastix, HemaTrace	Neg AP, PSA	Neg RSID	
DPA82Q					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
DR36NP					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
DRE4JY					
Item 3	Pos	TMB	Neg ALS, AP, Micro	NT	
Item 4	Pos	TMB	Neg ALS, AP, Micro	NT	
DTZGGE					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
DU48H8					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	
DUHTR9					
Item 3	Pos	O-tol	NT	NT	
Item 4	Pos	O-tol	NT	NT	
DW9R8T					
Item 3	Pos	KM, HemaTrace	Neg AP, ALS, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, ALS, PSA, Micro	Neg Phadebas	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
DXDKQ8					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
DZJ3P4					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
E647RK					
Item 3	Pos	KM, Seratec Hemdirect	NT	NT	
Item 4	Pos	KM, Seratec Hemdirect	NT	NT	
E7K3JK					
Item 3	Pos	Luminol, KM, Takayama, HemDirect	Neg ALS, AP, Micro	Neg Amylase Diffusion	
Item 4	Pos	Luminol, KM, Takayama	Neg ALS, AP, Micro	Neg Amylase Diffusion	
E8JTXH					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
E9UQAE					
Item 3	Pos	TMB, PHT, HemaTrace	NT	NT	
Item 4	Pos	TMB, PHT, HemaTrace	NT	NT	
EABPMC					
Item 3	Pos	PH, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos	PH, HemaTrace	Neg AP	Neg Phadebas	
EBBHZC					
Item 3	Pos	TMB	Neg AP, ALS	NT	
Item 4	Pos	TMB	Neg AP, ALS	NT	
EBV92C					
Item 3	Pos	Hemident, HemaTrace	NT	NT	
Item 4	Pos	Hemident, HemaTrace	NT	NT	
ECG4GX					
Item 3	Pos	KM and HemaTrace	Neg AP	NT	
Item 4	Pos	KM and HemaTrace	Neg AP	NT	
EEFHPW					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
EFYHKX					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	

TABLE 1

Webcode	Fluid ID						
	Item	Blood	Semen	Saliva	Other		
EGN48Q							
Item 3	Pos	KM	NT	NT			
Item 4	Pos	KM	NT	NT			
EGU7YM							
Item 3	Pos	KM	NT	NT			
Item 4	Pos	KM	NT	NT			
EHFQT8							
Item 3	Pos	LMG	NT	NT			
Item 4	Pos	LMG	NT	NT			
EN9UXV							
Item 3	Pos	benzidine, Hemastix, ALS, RSID, Bluestar-OBTI	Neg	RSID, PSA, Micro	Neg	RSID	Urine, Neg RSID
Item 4	Pos	benzidine, Hemastix, ALS, RSID, Bluestar-OBTI	Neg	RSID, PSA, Micro	Neg	RSID	Urine, Neg RSID
EUAA7R							
Item 3	Pos	KM, Combur (TMB)	Neg	AP, PSA	Neg	Phadebas	
Item 4	Pos	KM, Combur (TMB)	Neg	AP, PSA	Neg	Phadebas	
EV9C9Z							
Item 3	Pos	Phen, HU	Neg	ALS, AP, Micro, p30	Neg	Phadebas	
Item 4	Pos	Phen, HU	Neg	ALS, AP, Micro, p30	Neg	Phadebas	
F2BM2C							
Item 3	Pos	TMB, HemaTrace	NT		NT		
Item 4	Pos	Phenolphthalein, HemaTrace	NT		NT		
F3V843							
Item 3	Pos	TMB	Neg	ALS, AP	NT		
Item 4	Pos	TMB	Neg	ALS, AP	NT		
F6DPYT							
Item 3	Pos	PHT, ABACard HemaTrace	Neg	ALS, AP	NT		
Item 4	Pos	PHT, ABACard HemaTrace	Neg	ALS, AP	NT		
F7EDLY							
Item 3	Pos	KM, HemaTrace	Neg	AP	NT		
Item 4	Pos	KM, HemaTrace	Neg	AP	NT		
F7VKXA							
Item 3	Pos	KM & HemaTrace	NT		NT		
Item 4	Pos	KM & HemaTrace	NT		NT		
F9J28H							
Item 3	Pos	Hemastix, HemaTrace	NT		NT		
Item 4	Pos	Hemastix, HemaTrace	NT		NT		

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
FAVMTB					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
FE44TY					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg ALS, Phadebas	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg ALS, Phadebas	
FENRKU					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
FF4F8M					
Item 3	Pos	PPTH, O-tol, red-brown	Neg AP	NT	
Item 4	Pos	PPTH, O-tol, red-brown	Neg AP	NT	
FK4T2Q					
Item 3	Pos	LMG	Neg AP, RSID Semen	Neg RSID Saliva	
Item 4	Pos	LMG	Neg AP, RSID Semen	Neg RSID Saliva	
FKY8KQ					
Item 3	Pos	KM, ABACard HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos	KM, ABACard HemaTrace	Neg AP	Neg Phadebas	
FLY7TP					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
FM8XN7					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
FMHWDV					
Item 3	Pos	PHT, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	PHT, HemaTrace	Neg ALS, AP	NT	
FNR2QJ					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
FP6H4W					
Item 3	Pos	ABA Heme	Neg PSA, Micro	NT	
Item 4	Pos	ABA Heme	Neg PSA, Micro	NT	
FPKTNX					
Item 3	Pos	O-tol, HemDirect	Neg AP, PSA, Micro	Neg Amylase Diffusion	
Item 4	Pos	O-tol, HemDirect	Neg AP, PSA, Micro	Neg Amylase Diffusion	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
FRGCX7					
Item 3	Pos	KM	Neg ALS, AP, Micro	Neg ALS, Phadebas	Human DNA, Pos Quantifiler Trio
Item 4	Pos	KM	Neg ALS, AP, Micro	Neg ALS, Phadebas	Human DNA, Pos Quantifiler Trio
FTB33K					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
FU2499					
Item 3	Pos	HemaTrace, Hemident	NT	NT	
Item 4	Pos	HemaTrace, Hemident	NT	NT	
FVZ2PW					
Item 3	Pos	KM	Neg AP	NT	Y Screening, Pos Promega Casework Direct
Item 4	Pos	KM	Neg AP	NT	Y Screening, Neg Promega Casework Direct
FW7RBP					
Item 3	Pos	HemaTrace	NT	NT	
Item 4	Pos	HemaTrace	NT	NT	
FZQ78J					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	O-tol, RSID-Blood	NT	NT	
G2ENHW					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
G4RPQX					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
G4YMLT					
Item 3	Pos	ABA-Heme	Neg PSA, Micro		
Item 4	Pos	ABA-Heme	Neg PSA, Micro		
G4Z999					
Item 3	Pos	KM, HT	Neg AP	Neg SALIgAE	ALS, Neg ALS
Item 4	Pos	KM, HT	Neg AP	Neg SALIgAE	ALS, Pos ALS
GA3FPW					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
GCDE7R					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
GF3GJR					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
GK43GT					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	
GKNNMQ					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
GLFLVX					
Item 3	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
GNHZA6					
Item 3	Pos	Hemastix, HemaTrace	Neg AP	NT	
Item 4	Pos	Hemastix, HemaTrace	Neg AP	NT	
GPK8TV					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
GQFNCL					
Item 3	Pos	LMG; HemaTrace	NT	NT	
Item 4	Pos	LMG; HemaTrace	NT	NT	
GQHDFJ					
Item 3	Pos	KM, Seratec	NT	NT	
Item 4	Pos	KM, Seratec	NT	NT	
GTPQ4C					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
GUL4PJ					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
GUMLTD					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
GV2N4R					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
GXAYZV					
Item 3	Pos	KM	Neg AP	NT	Human Blood test, Pos HemaTrace
Item 4	Pos	KM	Neg AP	NT	Human Blood test, Pos HemaTrace
GXKGJM					
Item 3	Pos	KM, ABACard	NT	NT	
Item 4	Pos	KM, ABACard	NT	NT	
GYTPHF					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
H2M2FZ					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP	Neg Phadebas	
H4JEGR					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
H6Y6VH					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
H7R34P					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
H7TQQU					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
H83ZEL					
Item 3	Pos	KM, HemaTrace	NT	NT	Human origin, Pos PowerQuant
Item 4	Pos	KM, HemaTrace	NT	NT	Human origin, Pos PowerQuant
H9KBUY					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
HANA46					
Item 3	Pos	TMB, PHT	Neg ALS, AP	NT	species origin determination, Pos HemaTrace
Item 4	Pos	TMB, PHT	Neg ALS, AP	NT	
HBEKVX					
Item 3	Pos	TMB	Neg ALS, AP		
Item 4	Pos	TMB	Neg ALS, AP		
HCNN9W					
Item 3	Pos	KM, TMB	Neg AP, PSA, Micro	Neg RSID	
Item 4	Pos	KM, TMB	Neg AP, PSA, Micro	Neg RSID	
HE3XTB					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
HEME9D					
Item 3	Pos	PTMB, HemaTrace	Neg AP, PSA	NT	
Item 4	Pos	PTMB, HemaTrace	Neg AP, PSA	NT	
HJVVH2					
Item 3	Pos	KM, HemDirect, Luminol, Takayama	Neg AP, ALS, Micro	Neg Amylase Diffusion	
Item 4	Pos	KM, HemDirect, Luminol, Takayama	Neg AP, ALS, Micro	Neg Amylase Diffusion	
HKJNZV					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
HKRHWQ					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
HLK8JT					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
HNEDY4					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
HPX7GD					
Item 3	Pos	KM, HemaTrace	Neg PSA	Neg RSID	
Item 4	Pos	KM, HemaTrace	Neg PSA	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
HU6P86					
Item 3	Pos	O-tol	NT	NT	
Item 4	Pos	O-tol	NT	NT	
HUCUYN					
Item 3	Pos	KM	Neg AP, ALS	NT	
Item 4	Pos	KM	Neg AP, ALS	NT	
HUG9RG					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
HVXNEC					
Item 3	Pos	KM			
Item 4	Pos	KM			
HWWPMN					
Item 3	Pos	KM, HemaTrace	Neg AP		
Item 4	Pos	KM	Neg AP	Neg Phadebas	
HY6XTT					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
HYYR9J					
Item 3	Pos	O-tol, HemDirect	Neg AP, ALS, PSA, Micro	Neg Seratec Amylase	
Item 4	Pos	O-tol, HemDirect	Neg AP, ALS, PSA, Micro	Neg Seratec Amylase	
HZXWZY					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
J3R9XH					
Item 3	Pos	HemaTrace	NT	NT	
Item 4	Pos	HemaTrace	NT	NT	
J8LH3L					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
JCGB9L					
Item 3	Pos	Hemochromogen Test	NT	NT	Hair, Neg
Item 4	Pos	Hemochromogen Test	NT	NT	Hair, Neg
JD2ECY					
Item 3	Pos	KM, Takayama	Neg AP	Neg Phadebas	Human origin, Pos PowerQuant
Item 4	Pos	KM, HemaTrace	Neg AP	Neg Phadebas	Human origin, Pos HemaTrace, PowerQuant

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
JE6BJG					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
JHAWCM					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	
JJ7A3L					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
JL4CPV					
Item 3	Pos	LMG, Ouchterlony(anti Hu-Hb)	NT	NT	
Item 4	Pos	LMG, Ouchterlony(anti Hu-Hb)	NT	NT	
JQDQXW					
Item 3	Pos	KM, Takayama	Neg AP	NT	
Item 4	Pos	KM, Takayama	Neg AP	NT	
JRGHR3					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
JRJ3P4					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
JUW7LM					
Item 3	Pos	KM, ABACard HemaTrace	Neg AP	Neg Phadebas Press Test	
Item 4	Pos	KM, ABACard HemaTrace	Neg AP	Neg Phadebas Press Test	
JY4B6M					
Item 3	Pos	TMB	Neg ALS, AP	NT	Human, Pos HemaTrace
Item 4	Pos		Neg ALS, AP	NT	Human, Pos HemaTrace
JY4C4U					
Item 3	Pos	KM, Hemdirect	Neg AP	NT	
Item 4	Pos	KM, Hemdirect	Neg AP	NT	
JZCMK4					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
JZDBAU					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
JZNRTV					
Item 3	Pos	LMG, ABACard HemaTrace	Neg AP, Micro, PSA	NT	
Item 4	Pos	LMG, ABACard HemaTrace	Neg AP, Micro, PSA	NT	
JZZPP2					
Item 3	Pos	KM	Neg ALS, AP, Micro	Neg ALS, phadebas	Human DNA detected, Pos QuantiTrio
Item 4	Pos	KM	Neg ALS, AP, Micro	Neg ALS, phadebas	Human DNA detected, Pos QuantiTrio
K37YHM					
Item 3	NT		NT	NT	Human, Pos Quant Duo
Item 4	NT		NT	NT	Human, Pos Quant Duo
K3RK3Q					
Item 3	Pos	KM	Neg ALS	Neg ALS	
Item 4	Pos	KM	Neg ALS	Neg ALS	
K7HGD7					
Item 3	Pos	Hemident, HemaTrace	NT	NT	
Item 4	Pos	Hemident, HemaTrace	NT	NT	
K9KEPR					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	
K9ZRYW					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
KAVFCQ					
Item 3	Pos	TMB, HemaTrace	Neg AP, ALS	NT	
Item 4	Pos	TMB, HemaTrace	Neg AP, ALS	NT	
KAW4YW					
Item 3	Pos	KM	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
Item 4	Pos	KM	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
KBZZRM					
Item 3	Pos	KM & TMB (Combur)	Neg AP, PSA	Neg Phadebas	
Item 4	Pos	KM & TMB (Combur)	Neg AP, PSA	Neg Phadebas	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
KC4J9M					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Neg	ALS, AP	NT
KDUUYF					
Item 3	Pos	LMG	Neg	ALS, AP	NT
Item 4	Pos	LMG	Neg	ALS, AP	NT
KEVNVV					
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg Phadebas
KFBRWZ					
Item 3	Pos	FOB One Step	Neg	PSA	NT
Item 4	Pos	FOB One Step	Neg	PSA	NT
KGTXP					
Item 3	Pos	LMG	Neg	AP	Neg RSID- Saliva
Item 4	Pos	LMG	Neg	AP	Neg RSID- Saliva
KHK8JQ					
Item 3	Pos	LMG, HT	Neg	AP, SS, p30	NT
Item 4	Pos	LMG, HT	Neg	AP, SS, p30	NT
KJ8F72					
Item 3	Pos	KM, HemaTrace	Neg	AP, Micro	Neg Phadebas Y-screening, Pos Quantifiler Trio
Item 4	Pos	KM, HemaTrace	Neg	AP, Micro	Neg Phadebas Y-screening, Neg Quantifiler Trio
KKEVBE					
Item 3	Pos	KM, hemdirect	Neg	AP	NT
Item 4	Pos	KM, hemdirect	Neg	AP	NT
KKT37					
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP, p30, Micro	Neg Amylase radial Diffusion, Micro
Item 4	Pos	KM, HemaTrace	Neg	ALS, AP, p30, Micro	Neg Amylase radial Diffusion, Micro
KLQKNW					
Item 3	Pos	TMB	Neg	ALS, AP	NT
Item 4	Pos	TMB	Neg	ALS, AP	NT
KM9H7Q					
Item 3	Pos	KM, Hemdirect	NT		NT
Item 4	Pos	KM, hemdirect	NT		NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
KMNQCK					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
KMX6UJ					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
KQLG6B					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
KQTYFF					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
KTF4YU					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
KTKNEM					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
KUFCVX					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
KUUGTG					
Item 3	Pos	RSID	Neg RSID	Neg RSID	
Item 4	Pos	RSID	Neg RSID	Neg RSID	
KVY2DH					
Item 3	Pos	LMG	Neg ALS, AP	NT	
Item 4	Pos	LMG	Neg ALS, AP	NT	
KWUCBD					
Item 3	Pos	KM	Neg AP, Micro, ABACard p30	Neg Amylase Radial Diffusion	
Item 4	Pos	KM	Neg AP, Micro, ABACard p30	Neg Amylase Radial Diffusion	
KZCXZ8					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
L22LXT					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
L386MN					
Item 3	Pos	LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos	LMG	Neg AP	Neg RSID-Saliva	
L64ARP					
Item 3	Pos	KM, hemedirect	NT	NT	
Item 4	Pos	KM, hemedirect	NT	NT	
L97TMG					
Item 3	Pos	H/S (TMB), HemaTrace	Neg AP, PSA	Neg RSID	
Item 4	Pos	TMB, HemaTrace	Neg AP, PSA	Neg RSID	
L9YFPY					
Item 3	Pos	KM, Takayama	Neg AP	Neg RSID-Saliva	Human Origin, Pos PowerQuant
Item 4	Pos	KM, HemaTrace	Neg AP	Neg Phadebas	Human Origin, Pos HemaTrace, PowerQuant
LAQC6T					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg Phadebas	
LAZHAH					
Item 3	Pos	KM, HemDirect	Neg AP, PSA	NT	
Item 4	Pos	KM, HemDirect	Neg AP, PSA	NT	
LDDY6M					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
LH48GE					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
LLRBBE					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
LMLBK7					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
LNVPLK					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
LRH3QG					
Item 3	Pos	O-tol	Neg AP	Neg Phadebas	
Item 4	Pos	O-tol	Neg AP	Neg Phadebas	



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
LULF6F					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
LVKGDR					
Item 3	Pos	KM	Neg ALS, AP	NT	Human Blood, Pos RSID-Blood
Item 4	Pos	KM	Neg ALS, AP	NT	Human Blood, Pos RSID-Blood
LW3AV2					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, PSA	Neg Phadebas, ALS	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP, PSA	Neg Phadebas, ALS	
LWNPB4					
Item 3	Pos	KM	NT	NT	Human origin, Pos PowerQuant
Item 4	Pos	KM	NT	NT	Human origin, Pos PowerQuant
LWULQG					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
LY7KHX					
Item 3	Pos	KM	Neg AP, Sperm search	NT	
Item 4	Pos	KM	Neg AP, Sperm search	NT	
LYRMCX					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
LYRMEJ					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
M2B2FY					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
M6FKL8					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
M7L9L6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
M8PKVM					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
M8QWVG					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
M9CDBV					
Item 3	Pos	KM	Neg AP, ALS	NT	
Item 4	Pos	KM	Neg AP, ALS	NT	
M9FM2B					
Item 3	Pos	Visual Exam, KM, HemDirect	Neg ALS, AP, Micro	Neg Amylase Diffusion	
Item 4	Pos	Visual Exam, KM	Neg ALS, AP, Micro	Neg Amylase Diffusion	
MA47GM					
Item 3	Pos	O-tol, HemDirect	Neg AP	NT	
Item 4	Pos	O-tol, HemDirect	Neg AP	NT	
MA8R82					
Item 3	Pos	KM	NT	NT	Human, Pos PowerQuant
Item 4	Pos	KM	NT	NT	Human, Pos PowerQuant
MARLVJ					
Item 3	Pos	LMG, HemaTrace	Neg Acid Phosphatase	NT	
Item 4	Pos	LMG, HemaTrace	Neg Acid Phosphatase	NT	
MBNBH8					
Item 3	Pos	TMB, HemaTrace	Neg AP, PSA	Neg RSID	
Item 4	Pos	TMB, HemaTrace	Neg AP, PSA	NT	
MCEXWB					
Item 3	Pos	Visual Exam, Luminol, KM, Takayama, HemDirect	Neg ALS, AP, Micro	Neg Amylase Diffusion	
Item 4	Pos	Visual Exam, Lum, KM	Neg ALS, AP, Micro	Neg Amylase Diffusion	
MDG88Z					
Item 3	Pos	KM, LMG	Neg AP	NT	Human Blood, Pos RSID Blood
Item 4	Pos	KM, LMG	Neg AP	NT	Human Blood, Pos RSID Blood
MDJFAY					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
ME9YNK					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
MEF98N					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
MFCMXN					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP		
Item 4	Pos	KM, HemaTrace	Neg ALS, AP		
MGCJMR					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
MH4RGM					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	
MH6F6R					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
MHMJPE					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
MHZ3GW					
Item 3	Pos	KM, Takayama, HemaTrace	Neg AP	Neg RSID Saliva	Human Origin, Pos HemaTrace, PowerQuant
Item 4	Pos	KM, Takayama, HemaTrace	Neg AP	Neg RSID Saliva	Human Origin, Pos HemaTrace, PowerQuant
MKPD8P					
Item 3	Pos	Heme	Neg PSA, Micro	NT	
Item 4	Pos	Heme	Neg PSA, Micro	NT	
MLAZEC					
Item 3	Pos		Neg	NT	
Item 4	Pos		Neg	NT	
MMQF27					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
MMT6JB					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
MQPUNW						
Item 3	NT		NT	NT		
Item 4	NT		NT	NT		
MQU7CT						
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg	ALS, AP, Micro, PSA	Neg Phadebas	
MR2N93						
Item 3	Pos	KM	Neg	ALS, AP	Neg	ALS, SALIgAE
Item 4	Pos	KM	Neg	ALS, AP	Neg	ALS, SALIgAE
MU7VDV						
Item 3	Pos	TMB, FOB, PMB, Luminol	Neg	ALS, AP, PSA, RSID	Neg	ALS, RSID, $\alpha$ -Amylase SERATEC
Item 4	Pos	TMB, FOB, PMB, Luminol	Neg	ALS, AP, PSA, RSID	Neg	ALS, RSID, $\alpha$ -Amylase SERATEC
MUL9PN						
Item 3	Pos	KM	Neg	AP	NT	Y Screening, Pos Promega Casework Direct
Item 4	Pos	KM	Neg	AP	NT	Y Screening, Neg Promega Casework Direct
MURMNM						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Neg	AP	NT	
MW3TZF						
Item 3	Pos	PTMB	NT	NT	NT	
Item 4	Pos	PTMB	NT	NT	NT	
MXDBHZ						
Item 3	Pos	KM, Hemdirect	Neg	AP, Micro	Neg	RSID Saliva
Item 4	Pos	KM, Hemdirect	Neg	AP, Micro	Neg	RSID Saliva
MYQ3C3						
Item 3	Pos	TMB	Neg	ALS, AP	NT	
Item 4	Pos	TMB	Neg	ALS, AP	NT	
MZLMDA						
Item 3	Pos	KM	NT	NT	NT	
Item 4	Pos	KM	NT	NT	NT	
N2PVLQ						
Item 3	Pos	KM	Neg	ALS, AP	NT	
Item 4	Pos	KM	Neg	ALS, AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
N3DUKC					
Item 3	Pos	Visual, KM	Neg	ALS, AP	NT
Item 4	Pos	Visual, KM	Neg	ALS, AP	NT
N3VW3L					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
N4GPPP					
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT
Item 4	Pos	LMG, HemaTrace	Neg	AP	NT
N9RRMC					
Item 3	Pos	LMG	Neg	ALS, AP	NT
Item 4	Pos	LMG	Neg	ALS, AP	NT
NBP96T					
Item 3	Pos	KM, HemaTrace	NT		NT
Item 4	Pos	KM, HemaTrace	NT		NT
NCXPHL					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
NHEXDN					
Item 3	Pos	ABA heme	Neg	PSA, Micro	NT
Item 4	Pos	ABA heme	Neg	PSA, Micro	NT
NJWXJY					
Item 3	Pos	TMB	Neg	ALS, AP	NT
Item 4	Pos	TMB	Neg	ALS, AP	NT
NP3HWX					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
NP684F					
Item 3	Pos	KM, HemDirect	NT		NT
Item 4	Pos	KM, HemDirect	NT		NT
NPHTGW					
Item 3	Pos	KM, HemaTrace	Neg	AP	Neg
Item 4	Pos	KM, Takayama	Neg	AP	Neg

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
NPUPBF					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
NPYVFK					
Item 3	Pos	KM, HemDirect	NT	NT	
Item 4	Pos	KM, HemDirect	NT	NT	
NR9ZVU					
Item 3	Pos	KM; Hemdirect	NT	NT	
Item 4	Pos	KM; Hemdirect	NT	NT	
NRR8EB					
Item 3	Pos	Combur (TMB), KM	Neg AP, PSA	Neg PHADEBAS	
Item 4	Pos	Combur (TMB), KM	Neg AP, PSA	Neg PHADEBAS	
NUKZKD					
Item 3	Pos	O-tol, HemaTrace	Neg AP, Micro, PSA, ALS	Neg Amylase	
Item 4	Pos	O-tol, HemaTrace	Neg AP, Micro, PSA, ALS	Neg Amylase	
NXXKYA					
Item 3	Pos	PTMB, HemaTrace	Neg AP, PSA	Neg Phadebas	Urine, Neg Uritrace
Item 4	Pos	PTMB	Neg AP	NT	
NYVL8M					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
NZUHJ7					
Item 3	Pos	PTMB	Neg ALS	Neg ALS	
Item 4	Pos	PTMB	Neg ALS	Neg ALS	
NZXMUB					
Item 3	Pos	LMG, TMB, KM	NT	NT	
Item 4	Pos	LMG, TMB, KM	NT	NT	
P34PWK					
Item 3	Pos	TMB, Takayama, HemaTrace	NT	NT	
Item 4	Pos	TMB, Takayama, HemaTrace	NT	NT	
P3AMVP					
Item 3	Pos	LMG	Neg PSA, Micro	NT	
Item 4	Pos	LMG	Neg PSA, Micro	NT	
P4QBJF					
Item 3	Pos	KM, HT	Neg AP	NT	
Item 4	Pos	KM, HT	Neg AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
P6C7HH					
Item 3	Pos	TMB (combur), KM	Neg AP, PSA	Neg Phadebas	
Item 4	Pos	TMB (combur), KM	Neg AP, PSA	Neg Phadebas	
P748HE					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
P999DX					
Item 3	Pos	KM Test	Neg AP Test, Micro Exam	NT	
Item 4	Pos	KM Test	Neg AP Test, Micro Exam	NT	
P9BYJM					
Item 3	Pos	KM, HemDirect	NT	NT	
Item 4	Pos	KM, HemDirect	NT	NT	
P9QG6D					
Item 3	Pos	TMB, KM, HemaTrace	Neg ALS, AP, Micro	NT	
Item 4	Pos	TMB, KM, HemaTrace	Neg ALS, AP, Micro	NT	
P9R6RJ					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
PADY6L					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
PFAKCF					
Item 3	Pos	TMB	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
PGF9CD					
Item 3	Pos	KM, ABA card	NT	NT	
Item 4	Pos	KM, ABA card	NT	NT	
PGP7EC					
Item 3	Pos	TMB, HemaTrace	Neg AP, PSA	NT	
Item 4	Pos	TMB, HemaTrace	Neg AP, PSA	Neg RSID	
PHDGUQ					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
PMCHBM					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
PNLPDF					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
PQ7TNR					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
PR26WD					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	
PWH726					
Item 3	Pos	O-tol, Phenolphthalein, color	Neg AP	NT	
Item 4	Pos	O-tol, Phenolphthalein, color	Neg AP	NT	
PX9JTH					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
PXZXHT					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
PYAERE					
Item 3	Pos	KM	Neg AP		
Item 4	Pos	KM	Neg AP		
PZKY2V					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
Q3XR4Z					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
Q9LEWK					
Item 3	Pos	TMB, Micro, HemaTrace	NT	NT	
Item 4	Pos	TMB, Micro, HemaTrace	NT	NT	
QA3E9P					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
QAF3BA					
Item 3	Pos	LMG	Neg ALS, AP	NT	
Item 4	Pos	LMG	Neg ALS, AP	NT	



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
QC4MBE					
Item 3	Pos	KM, HemDirect	NT	NT	
Item 4	Pos	KM, HemDirect	NT	NT	
QC7AP8					
Item 3	Pos	PTMB	Neg	AP	
Item 4	Pos	PTMB	Neg	AP	
QCN4T3					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
QER4KM					
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT
Item 4	Pos	LMG, HemaTrace	Neg	AP	NT
QFNXGC					
Item 3	Pos	red-brown, ppth, O-tol	Neg	AP	NT
Item 4	Pos	red-brown, ppth, O-tol	Neg	AP	NT
QFPZKH					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
QFV3CE					
Item 3	Pos	KM, HemaTrace	Neg	AP, Micro	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Neg	AP, Micro	Neg Phadebas
QGDVA4					
Item 3	Pos	PHT, TMB, HemaTrace	NT	NT	
Item 4	Pos	PHT, TMB, HemaTrace	NT	NT	
QGMYP					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
QH6UHA					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
QLE8RA					
Item 3	Pos	KM, Takayama	NT	NT	
Item 4	Pos	KM, Takayama	NT	NT	
QLGVEF					
Item 3	Pos	KM, HemDirect	Neg	ALS, PSA	NT
Item 4	Pos	KM, HemDirect	Neg	ALS, PSA	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
QMGT3F					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
QN83MG					
Item 3	Pos	LMG, HT	Neg AP	NT	
Item 4	Pos	LMG, HT	Neg AP	NT	
QQ8MMR					
Item 3	Pos	KM, hemdirect	Neg AP	NT	
Item 4	Pos	KM, hemdirect	Neg AP	NT	
QYVCK					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
R66DJF					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
R7DFLE					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
RE7QGF					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
RFE99J					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
RGBAMN					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
RH2KAA					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
RK6YFA					
Item 3	Pos	RSID	Neg RSID	Neg RSID	
Item 4	Pos	RSID	Neg RSID	Neg RSID	
RK7C2N					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg ALS, Phadebas	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg ALS, Phadebas	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
RK7EP8						
Item 3	<b>Pos</b>	ALS, KM, HemaTrace	<b>Neg</b>	ALS, AP, p30, Micro	<b>Neg</b>	ALS, Amylase, Micro
Item 4	<b>Pos</b>	ALS, KM, HemaTrace	<b>Neg</b>	ALS, AP, p30, Micro	<b>Neg</b>	ALS, Amylase, Micro
RP6EGP						
Item 3	<b>Pos</b>	KM	<b>Neg</b>	ALS, AP	<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>Neg</b>	ALS, AP	<b>NT</b>	
RQ722G						
Item 3	<b>Pos</b>	KM	<b>NT</b>		<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>NT</b>		<b>NT</b>	
RQ7RGC						
Item 3	<b>Pos</b>	KM	<b>NT</b>		<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>NT</b>		<b>NT</b>	
RQVP4B						
Item 3	<b>Pos</b>	KM	<b>NT</b>		<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>NT</b>		<b>NT</b>	
RT9AFL						
Item 3	<b>Pos</b>	TMB, HemaTrace	<b>Neg</b>	ALS, AP	<b>Neg</b>	RSID
Item 4	<b>Pos</b>	TMB, HemaTrace	<b>Neg</b>	ALS, AP	<b>Neg</b>	RSID
RTCWUE						
Item 3	<b>Pos</b>	KM	<b>Neg</b>	AP	<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>Neg</b>	AP	<b>NT</b>	
RVN2U2						
Item 3	<b>Pos</b>	KM	<b>NT</b>		<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>NT</b>		<b>NT</b>	
RWJELZ						
Item 3	<b>Pos</b>	TMB, PHT, HemaTrace	<b>NT</b>		<b>NT</b>	
Item 4	<b>Pos</b>	TMB, PHT, HemaTrace	<b>NT</b>		<b>NT</b>	
RZKJA7						
Item 3	<b>Pos</b>	KM, LMG, TMB	<b>NT</b>		<b>NT</b>	
Item 4	<b>Pos</b>	KM, LMG, TMB	<b>NT</b>		<b>NT</b>	
T6QFDE						
Item 3	<b>NT</b>		<b>NT</b>		<b>NT</b>	<b>Human, Pos</b> Quant Duo
Item 4	<b>NT</b>		<b>NT</b>		<b>NT</b>	<b>Human, Pos</b> Quant Duo
TA4EP8						
Item 3	<b>Pos</b>	O-tol, HemaTrace	<b>Neg</b>	AP, PSA, ALS	<b>Neg</b>	SeraTec Amylase, ALS
Item 4	<b>Pos</b>	O-tol, HemaTrace	<b>Neg</b>	AP, PSA, ALS	<b>Neg</b>	SeraTec Amylase, ALS

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
TCVCER					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
TE4B6U					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
TFZQF7					
Item 3	Pos	KM, Takayama	Neg AP	NT	
Item 4	Pos	KM, Takayama	Neg AP	NT	
TM673E					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
TMEQHU					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
TN44XR					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
TP7CGK					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
TP9F2H					
Item 3	NT		Neg AP	NT	Y screening, Pos Promega Casework Direct
Item 4	NT		Neg AP	NT	Y screening, Neg Promega Casework Direct
TPLW94					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, Micro, p30	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP, Micro, p30	NT	
TQWYU3					
Item 3	Pos	Hemastix, HemaTrace	NT	Neg RSID Saliva	
Item 4	Pos	Hemastix, HemaTrace	NT	Neg RSID Saliva	
TRWWBP					
Item 3	Pos	KM, HemDirect	NT	NT	
Item 4	Pos	KM, HemDirect	NT	NT	
TW3LEN					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
TX87BB						
Item 3	<b>Pos</b>	O-tol, Hemdirect card	<b>Neg</b>	ALS, AP, Micro, PSA card	<b>Neg</b>	Amylase card
Item 4	<b>Pos</b>	O-tol, Hemdirect card	<b>Neg</b>	ALS, AP, Micro, PSA card	<b>Neg</b>	Amylase card
TXBVDM						
Item 3	<b>Pos</b>	KM	NT		NT	
Item 4	<b>Pos</b>	KM	NT		NT	
TXPZB8						
Item 3	<b>Pos</b>	KM	NT		NT	
Item 4	<b>Pos</b>	KM	NT		NT	
U2GJ37						
Item 3	<b>Pos</b>	KM	NT		NT	
Item 4	<b>Pos</b>	KM	NT		NT	
U2RJGK						
Item 3	<b>Pos</b>	TMB	<b>Neg</b>	AP, ALS	NT	
Item 4	<b>Pos</b>	TMB	<b>Neg</b>	AP, ALS	NT	
U3KE4T						
Item 3	<b>Pos</b>	KM	NT		NT	
Item 4	<b>Pos</b>	KM	NT		NT	
U3VFRM						
Item 3	<b>Pos</b>	KM, HemaTrace	<b>Neg</b>	AP	<b>Neg</b>	Phadebas
Item 4	<b>Pos</b>	KM, HemaTrace	<b>Neg</b>	AP	<b>Neg</b>	Phadebas
U6YA96						
Item 3	<b>Pos</b>	LMG	NT		NT	
Item 4	<b>Pos</b>	LMG	NT		NT	
U6ZYMC						
Item 3	<b>Pos</b>	KM	<b>Neg</b>	PSA	NT	
Item 4	<b>Pos</b>	KM	<b>Neg</b>	PSA	NT	
UBG6VV						
Item 3	<b>Pos</b>	TMB	<b>Neg</b>	ALS, AP	NT	
Item 4	<b>Pos</b>	TMB	<b>Neg</b>	ALS, AP	NT	
UBKM3A						
Item 3	<b>Pos</b>	LMG, HemaTrace	NT		NT	
Item 4	<b>Pos</b>	LMG, HemaTrace	NT		NT	
UCCT8Y						
Item 3	<b>Pos</b>	KM, HemaTrace	NT		NT	
Item 4	<b>Pos</b>	KM, HemaTrace	NT		NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
UCUKFQ					
Item 3	Pos	KM	Neg ALS, AP, Micro	Neg ALS, Phadebas	Human DNA detected, Pos Quantifiler Trio
Item 4	Pos	KM	Neg ALS, AP, Micro	Inc ALS, Phadebas	
UCX8UJ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
UD24YR					
Item 3	Pos	HemaTrace, KM	Neg AP, Micro, PSA	Neg Radial Diffusion	
Item 4	Pos	HemaTrace, KM	Neg AP, Micro, PSA	Neg Radial Diffusion	
UFDXZE					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
UFUL9D					
Item 3	Pos	KM, O-tol, RSID, HT	NT	NT	
Item 4	Pos	KM, O-tol, RSID, HT	NT	NT	
UGJCWR					
Item 3	Pos	O-tol	Neg AP	NT	
Item 4	Pos	O-tol	Neg AP	NT	
UGTURD					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
UHQ8DL					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
UN3M7L					
Item 3	Pos	KM, TMB	Neg PSA, Micro	NT	
Item 4	Pos	KM, TMB	Neg PSA, Micro	NT	
UPUP4M					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
UQA4EH					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
UQNF4B					
Item 3	Pos	KM	NT	NT	Blood, Inc HemaTrace
Item 4	Pos	KM, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
UTLD96					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
UVQ6ZP					
Item 3	Pos	KM, Takayama, HemaTrace	NT	NT	Human Origin, Pos HemaTrace, PowerQuant
Item 4	Pos	KM, Takayama, HemaTrace	NT	NT	Human Origin, Pos HemaTrace, PowerQuant
UVXH9Q					
Item 3	Pos	Phen, HemaTrace	Neg AP, Micro, PSA	NT	
Item 4	Pos	Phen, HemaTrace	Neg AP, Micro, PSA	NT	
V2VALA					
Item 3	Pos	KM, hemedirect	Neg AP	NT	
Item 4	Pos	KM, hemedirect	Neg AP	NT	
V4QF9Y					
Item 3	Pos	O-tol	Neg AP	NT	
Item 4	Pos	O-tol	Neg AP	NT	
V98F7R					
Item 3	Pos	TMB, PHT	Neg ALS, AP	NT	Human species, Pos HemaTrace
Item 4	Pos	TMB, PHT	Neg ALS, AP	NT	Human species, Pos HemaTrace
VAGM9K					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
VFEWR2					
Item 3	Pos	PTMB, HemaTrace	Neg ALS, AP, PSA	NT	
Item 4	Pos	PTMB, HemaTrace	Neg ALS, AP, PSA	NT	
VFZVBX					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
VG3D2A					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
VJ3R3D					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg SALIgAE	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg SALIgAE	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
VJB7T9					
Item 3	Pos	color, O-tol, PPTH	Neg AP	NT	
Item 4	Pos	color, O-tol, PPTH	Neg AP	NT	
VPEMBN					
Item 3	Pos	KM, HemDirect, Luminol	Neg AP, ALS		
Item 4	Pos	KM	Neg AP		
VQCZUA					
Item 3	Pos	KM, HemDirect	NT	NT	Amylase
Item 4	Pos	KM, HemDirect	NT	NT	Amylase
VT3XJR					
Item 3	Pos	HemaTrace, KM	Neg Micro, PSA	Neg RSID	Male DNA, Pos Y-screening
Item 4	Pos	HemaTrace, KM	Neg Micro, PSA	Neg RSID	Male DNA, Neg Y-screening
VWFVMF					
Item 3	Pos	TMB, Takayama, HemaTrace	NT	NT	
Item 4	Pos	TMB, Takayama, HemaTrace	NT	NT	
VX8UW8					
Item 3	Pos	LMG	Neg ALS, AP	NT	
Item 4	Pos	LMG	Neg ALS, AP	NT	
VXLKGC					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
VY2KY9					
Item 3	Pos	O-tol	Neg AP		
Item 4	Pos	O-tol	Neg AP	Neg Phadebas	
VY69GL					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
VY7L2E					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
W36TP4					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA	Neg Phadebas	



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
W39JHK					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
W3N33H					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas Tube Test	
Item 4	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas Tube Test	
W4GWRN					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
W6YUAD					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
WAXZCN					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
WH7RGC					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
WJV7N9					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
WLK9UW					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro	NT	
Item 4	Pos	KM, HemaTrace	Neg AP, Micro	NT	
WMTPL2					
Item 3	Pos	LMG	NT	Neg saligae test	
Item 4	Pos	LMG	NT	Neg saligae test	
WPC8J9					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
WQVLBV					
Item 3	Pos	KM, Ouchterlony	Neg AP, Micro for Sperm	Neg Amylase, Micro for ecells	
Item 4	Pos	KM, Ouchterlony	Neg AP, Micro for Sperm	Neg Amylase, Micro for ecells	
WUH6EE					
Item 3	NT		Neg AP, ALS	NT	
Item 4	NT		Neg AP, ALS	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
WUUW8V						
Item 3	Pos	Hexagon OBTI	Neg	PSA	Neg	RSID Saliva
Item 4	Pos	Hexagon OBTI	Neg	PSA	Neg	RSID Saliva
WVDJ7D						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
WWW8N6						
Item 3	Pos	KM, HemaTrace	NT		NT	
Item 4	Pos	KM, HemaTrace	NT		NT	
WX3ZAJ						
Item 3	Pos	KM	Neg	AP, ALS	NT	
Item 4	Pos	KM	Neg	AP, ALS	NT	
WXGHB4						
Item 3	Pos	LMG	Neg	ALS, AP	NT	
Item 4	Pos	LMG	Neg	ALS, AP	NT	
WZF8BV						
Item 3	Pos	KM, HemaTrace	NT		NT	
Item 4	Pos	KM, HemaTrace	NT		NT	
WZGKVN						
Item 3	Pos	LMG	NT		NT	
Item 4	Pos	LMG	NT		NT	
X6RJZ8						
Item 3	Pos	RSID Blood	NT		Neg	RSID Saliva
Item 4	Pos	RSID Blood	NT		Neg	RSID Saliva
X8XFCH						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
X98PZ9						
Item 3	Pos	KM, ABACard HemaTrace	NT		NT	
Item 4	Pos	KM, ABACard HemaTrace	NT		NT	
XACW62						
Item 3	Pos	KM, Takayama	Neg	AP	NT	
Item 4	Pos	KM, Takayama	Neg	AP	NT	
XAFGVP						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
XC7HZD					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
XDZ97R					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
XEABZC					
Item 3	Pos	HemDirect	NT	NT	
Item 4	Pos	HemDirect	NT	NT	
XF38FZ					
Item 3	Pos	PTMB	Neg	AP	
Item 4	Pos	PTMB	Neg	AP	
XHPQGX					
Item 3	Pos	KM	Neg	AP	Neg Phadebas
Item 4	Pos	KM	Neg	AP	Neg Phadebas
XM4FTD					
Item 3	Pos	TMB, Micro, HemaTrace	NT	NT	
Item 4	Pos	TMB, Micro, HemaTrace	NT	NT	
XNKZZZ					
Item 3	Pos	KM	Neg	AP, PSA, Micro	NT
Item 4	Pos	KM	Neg	AP, PSA, Micro	NT
XNLTNP					
Item 3	Pos	LMG	Neg	ALS, AP	Human Blood, Pos RSID
Item 4	Pos	LMG	Neg	ALS, AP	Human Blood, Pos RSID
XNQ2F9					
Item 3	Pos	HemaTrace	NT	NT	
Item 4	Pos	HemaTrace	NT	NT	
XNVD2J					
Item 3	Pos	TMB	Neg	ALS, AP	
Item 4	Pos	TMB	Neg	ALS, AP	
XPRX4D					
Item 3	Pos	KM, Takayama	NT	NT	
Item 4	Pos	KM, Takayama	NT	NT	
XQDPR9					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
XQKNAR					
Item 3	Pos	Hemident, HemaTrace	NT	NT	
Item 4	Pos	Hemident, HemaTrace	NT	NT	
XT7FDG					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
XWGGE7					
Item 3	Pos	Phenolphthalein, Takayama	NT	NT	
Item 4	Pos	Phenolphthalein, Takayama	NT	NT	
XZYE9N					
Item 3	Pos	Hemastix, HemaTrace	Neg AP, PSA, Micro	NT	
Item 4	Pos	Hemastix, HemaTrace	Neg AP, PSA, Micro	NT	
Y2NMT7					
Item 3	Pos	KM, ABA	NT	NT	
Item 4	Pos	KM, ABA	NT	NT	
Y34W7P					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
Y3QHJF					
Item 3	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
Y7ACL8					
Item 3	Pos	TMB, HemaTrace	Neg AP, ALS	NT	
Item 4	Pos	TMB, HemaTrace	Neg AP, ALS	NT	
Y7BZAD					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
Y7L66N					
Item 3	Pos	O-tol	Neg AP	NT	
Item 4	Pos	O-tol	Neg AP	NT	
Y88NEW					
Item 3	Pos	PTMB, HemaTrace	Neg AP, PSA	Neg Phadebas Tablets	Urine, Neg Uritrace
Item 4	Pos	PTMB, HemaTrace	Neg AP, PSA	Neg Phadebas Tablets	Urine, Neg Uritrace

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
Y8E4DV					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
Y8MZ4L					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
Y92AA9					
Item 3	Pos	KM, Hemdirect	Neg AP	NT	
Item 4	Pos	KM, Hemdirect	Neg AP	NT	
Y9PZNR					
Item 3	Pos	KM	Neg AP, Micro		
Item 4	Pos	KM	Neg AP, Micro		
YA4BUB					
Item 3	Pos	Heme	Neg PSA, Micro	NT	
Item 4	Pos	Heme	Neg PSA, Micro	NT	
YAD6VZ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
YBCKRA					
Item 3	NT		Neg AP	NT	
Item 4	NT		Neg AP	NT	
YCLRHX					
Item 3	Pos	KM	Neg AP, Micro, PSA	Neg Amylase Radial Diffusion	
Item 4	Pos	KM	Neg AP, Micro, PSA	Neg Amylase Radial Diffusion	
YD9XRA					
Item 3	Pos	KM, HemaTrace	Neg AP, Seratec	NT	
Item 4	Pos	KM, HemaTrace	Neg AP, Seratec	NT	
YE9V2C					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
YEEFG6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
YEJT3F					
Item 3	Pos	KM			HemaTrace, Neg
Item 4	Pos	KM, HemaTrace			

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
YFAZD6					
Item 3	Pos	KM	Neg ALS, AP, Micro	NT	
Item 4	Pos	KM	Neg ALS, AP, Micro	NT	
YH4G69					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
YJA6XC					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
YKHH8F					
Item 3	Pos	KM	NT	NT	Human Blood, Pos RSID Blood
Item 4	Pos	KM	Neg ALS, AP	NT	Human Blood, Pos RSID Blood
YKTX9L					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos	KM, HemaTrace	Neg AP	Neg RSID	
YMJZE3					
Item 3	Pos	KM, HemaTrace	Neg Seri AP, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg Seri AP, PSA	Neg Phadebas	
YNKD69					
Item 3	Pos	LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos	LMG	Neg AP	Neg RSID-Saliva	
YNPQXB					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
YNYQK6					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
YP2E9A					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
YTQYWZ					
Item 3	Pos	KM	Neg AP, p30, Micro	Neg Amylase radial Diffusion	
Item 4	Pos	KM	Neg AP, p30, Micro	Neg Amylase radial Diffusion	
YU2RV9					
Item 3	Pos	TMB	NT	NT	
Item 4	Pos	TMB	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
YWZYNC					
Item 3	Pos	KM, HemaTrace	Neg AP, Seratec	NT	
Item 4	Pos	KM, HemaTrace	Neg AP, Seratec	NT	
Z2LECH					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
Z3E8Y3					
Item 3	Pos	Hemastix (TMB), HemaTrace	Neg AP, PSA (p30)	Neg RSID Saliva	
Item 4	Pos	Hemastix (TMB), HemaTrace	Neg AP, PSA (p30)	NT	
Z3ENC7					
Item 3	Pos	Hemophan, Seratec&RSID Blood	Neg Seratec&RSID Semen	Neg Seratec&RSID Saliva	
Item 4	Pos	Hemophan, Seratec&RSID Blood	Neg Seratec&RSID Semen	Neg Seratec&RSID Saliva	
Z3F2Q7					
Item 3	Pos	KM, Hemastix	NT	NT	
Item 4	Pos	KM, Hemastix	NT	NT	
Z8K3EW					
Item 3	Pos	KM	Neg AP, Micro, PSA	NT	
Item 4	Pos	KM	Neg AP, Micro, PSA	NT	
ZAFJ6J					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
ZBDKKM					
Item 3	Pos	KM, Hema-trace	Neg AP	Neg Radial Diffusion	
Item 4	Pos	KM, Hema-trace	Neg AP	Neg Radial Diffusion	
ZD4VJG					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
ZFXEUW					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	
ZKYCKF					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
ZLJFMT					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
ZM2Y7W					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
ZMBPK3					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	
ZMTPD6					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, Micro	NT	
Item 4	Pos	TMB	Neg ALS, AP, Micro	NT	
ZPEC48					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
ZPRZCK					
Item 3	Pos	O-tol, HemaTrace	Neg AP, PSA	NT	
Item 4	Pos	O-tol, HemaTrace	Neg AP, PSA	NT	
ZQNHAF					
Item 3	Pos	KM, TMB	Neg AP, PSA, Micro	NT	
Item 4	Pos	KM, TMB	Neg AP, PSA, Micro	NT	
ZQW3U7					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
ZTZKJ8					
Item 3	Pos	KM, RSID-Blood	NT	NT	
Item 4	Pos	KM, O-tol, HemaTrace	NT	NT	
ZVQMPV					
Item 3	Pos	KM	Neg ALS, AP, Micro	Neg RSID	
Item 4	Pos	KM	Neg ALS, AP, Micro	Neg RSID	
ZWLR74					
Item 3	Pos	KM, ABACard HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos	KM, ABACard HemaTrace	Neg AP	Neg Phadebas	



<b>Table 1: Serology Screening</b>		<b>Item 3</b>		<b>Participants: 673</b>
<b>Response Summary</b>		<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>
<b>ITEM 3:</b>				
Positive	<b>666</b>	<b>0</b>	<b>0</b>	
Negative	<b>0</b>	<b>406</b>	<b>129</b>	
Inconclusive	<b>0</b>	<b>0</b>	<b>0</b>	
Not Tested (NT)	<b>7</b>	<b>263</b>	<b>528</b>	
Not Reported	<b>0</b>	<b>4</b>	<b>16</b>	

<b>Table 1: Serology Screening</b>		<b>Item 4</b>		<b>Participants: 673</b>
<b>Response Summary</b>		<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>
<b>ITEM 4:</b>				
Positive	<b>666</b>	<b>0</b>	<b>0</b>	
Negative	<b>0</b>	<b>408</b>	<b>123</b>	
Inconclusive	<b>0</b>	<b>0</b>	<b>1</b>	
Not Tested (NT)	<b>7</b>	<b>261</b>	<b>534</b>	
Not Reported	<b>0</b>	<b>4</b>	<b>15</b>	

# STR Amplification Kit(s) & Results

## TABLE 2

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

### Item 1 - STR Results

22QRXJ	Investigator® 24plex QS					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
<hr/>						
23ZWC8	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
<hr/>						
248DAC	PowerPlex® Fusion5C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11		7,9	8,9
	15,18					
<hr/>						
24RZKF	Investigator® 24plex GO					
	14,16	20,20	12,14	15,15	11,11	N/A
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	N/A	N/A	19,28.2	7,9	8,9
	15,18	N/A	N/A	N/A	N/A	
<hr/>						
2844ZY	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
<hr/>						
28RCGF	Investigator® 24plex GO!					
	14,16	20,20	12,14	15,15	11,11	N/A
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	N/A	N/A	19,28.2	7,9	8,9
	15,18	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

29CWF	PowerPlex® Fusion 6C (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
29Y722	Investigator® 24plex					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
2FELC6	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
2FEZR6	GlobalFiler™ (STRmix)					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
2FHVYU	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
2FYNGD	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
2L2QCF	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

2MFM2W	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
2MQ96Z	PowerPlex® Fusion 5C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18					
2N3UQT	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
2P8P2J	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
2PKUZC	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
2QZB9A	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
2TBCQG	PowerPlex® Fusion					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18	INC				

TABLE 2

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

Item 1 - STR Results

2TEQJC	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
2UBM67	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18	NR	NR	NR		
2UVW7G	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
2Y4HHQ	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
2YBZY9	GlobalFiler™					
	14,16	20	12,14	15	11	NA
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	NA	NA	19,28.2	7,9	8,9
	15,18	NR	NA	NA	NR	
2YCNDP	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
342HQ8	PowerPlex® Fusion 6C Direct					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

36QHLC	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
3846EA	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
38ANPD	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
38TCM2	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
3A2N44	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
3A9W2A	Identifiler® Plus					
		20		15	11	
1	10,12	12,13			9,11	9,11
	15	13,14	29,30		X	11,13
	20,24				7,9	8,9
	15,18					
3AJMB8	GlobalFiler™ Express (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	-			-	

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 1 - STR Results

3ATUWM	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
3C873Y	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
3FYL87	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
3GDUML	PowerPlex® F6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
3HYWNF	GlobalFiler™ Express					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
3LHBL3	PowerPlex® 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18	-	-	-		
3MHPE9	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

3P8YGM	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
3T2GKV	PowerPlex® Fusion 6C, GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	Not Tested
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18	NR	NR	NR	NR	
3VCU9A	GlobalFiler™ (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
3W7HMX	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
3WUTTE	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
47J3B2	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NA			NR	
48BMWU	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					



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 1 - STR Results

493R3K	PowerPlex® F6C (STRmix)					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
49CX4M	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NO RESULTS			NO RESULTS	
49NFPY	NGM SElect Express (GeneMapper ID-X)					
	14,16	20	12,14	15		
1		12,13	14,16	21,23		9,11
	15	13,14	29,30	14,15	X	
	20,24			19,28.2	7,9	
	15,18					
4AT3TD	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18	-	-	-	-	
4BYG87	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
4E38G7	PowerPlex® Fusion, In-house					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18					
4E64XH	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

4GTHFZ	PowerPlex® Fusion6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
4HQMEA	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
4J7CTZ	Identifiler® Plus, MiniFiler					
		20		15	11	
1	10,12	12,13			9,11	9,11
	15	13,14	29,30		X	11,13
	20,24				7,9	8,9
	15,18					
4J7VR2	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18	-	-	-		
4K8B3Y	Investigator® 24plex (STRmix)					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
4L6JL4	GlobalFiler™ Express					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	-			-	
4LDURW	PowerPlex® 21					
	14,16	20,20		15,15	11,11	12,12
1	10,12	12,13		21,23	9,11	9,11
	15,15	13,14	29,30		X,X	11,13
	20,24	12,13	11,11		7,9	8,9
	15,18					

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 1 - STR Results

4M8FM9	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
4MTV6H	Identifiler® Plus					
		20		15	11	
1	10,12	12,13			9,11	9,11
	15	13,14	29,30		X	11,13
	20,24				7,9	8,9
	15,18					
4RDT88	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
4T8JBZ	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
4TA7QT	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
4TYM83	Investigator® 24plex QS					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	-				
4U8YKX	PowerPlex® 21					
	14,16	20,20		15,15	11,11	12,12
1	10,12	12,13		21,23	9,11	9,11
	15,15	13,14	29,30		X,X	11,13
	20,24	12,13	11,11		7,9	8,9
	15,18					

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 1 - STR Results

4UQ2RQ	PowerPlex® Fusion 6C, Fusion 5C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
4VNX8T	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
4VZN8Y	PowerPlex® Fusion 6C Direct					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
4WKBYR	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
4Y8V2B	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18	NR	NR	NR		
4ZREGB	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
4ZU2V4	PowerPlex® Fusion 6C (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

688ZUR	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
6AZVPY	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
6DAAXY	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	NA
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	NA	NA	19,28.2	7,9	8,9
	15,18	NA	NA	NA	NA	
6DBKKP	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
6DJQRR	PowerPlex® Fusion					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18	INC				
6ETCBK	PowerPlex® Fusion 5C, MiniFiler					
	14,16	20,20	12,14	15,15	11,11	Not Tested
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	Not Tested	7,9	8,9
	15,18	No Results	Not Tested	Not Tested	Not Tested	
6EVYPD	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

6GYV33	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
6HVZHZ	PowerPlex® Fusion 5C, GlobalFiler™ (ID-X)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
6LZ494	Investigator® 24plex					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
6N7NXP	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
6NTABF	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
6PACEA	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
6QGEF9	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

6RAJHR	PowerPlex® F6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
6RXTNH	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
6TE9NG	Identifiler® Plus					
		20,20		15,15	11,11	
1	10,12	12,13			9,11	9,11
	15,15	13,14	29,30		X,X	11,13
	20,24				7,9	8,9
	15,18					
6X8EZC	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18	NR	NR	NR		
6YGYTM	PowerPlex® Fusion 5C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11		7,9	8,9
	15,18					
6YVGL9	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
6ZBKMD	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

73TGYB	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
74F2KE	PowerPlex® ESI 16 FAST					
	14,16	20,20	12,14	15,15		
1		12,13	14,16	21,23		9,11
	15,15	13,14	29,30	14,15	X,X	
	20,24				7,9	
	15,18					
76Z8CY	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
77XUAG	PowerPlex® Fusion 5C & 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
78Q9RK	PowerPlex® Fusion					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18	INC				
7A7ABZ	Investigator® 24plex (STRMix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
7ANDRD	Investigator® 24plex QS					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					



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 1 - STR Results

7B39GY	Identifiler® Plus, MiniFiler					
		20		15	11	
1	10,12	12,13			9,11	9,11
	15	13,14	29,30		X	11,13
	20,24				7,9	8,9
	15,18					
7CT7G7	PowerPlex® Fusion 6C (ArmedXpert)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
7D4NYP	PowerPlex® F6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
7D9DV3	PowerPlex® Fusion 6C (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
7E3KDY	Identifiler® Plus					
		20,20		15,15	11,11	
1	10,12	12,13			9,11	9,11
	15,15	13,14	29,30		X,X	11,13
	20,24				7,9	8,9
	15,18					
7FL7HU	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	no results			no results	
7HC8NH	PowerPlex® Fusion 5C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18	NT				

TABLE 2

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

7KCK3U	PowerPlex® Fusion (STRMix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18	INC				
7L6ERZ	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
7QCNEF	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
7QLW42	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
7R23WX	Investigator® 24plex					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
7T7LEF	GlobalFiler™ Express					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
7T7NXT	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18	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

7VZ6V8	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
7WWTBW	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
7Y7T6V	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
7ZPT4X	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
7ZUCZ2	PowerPlex® F6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
82CEX3	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
82TJHN	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

833XH3	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
87CYFY	Identifiler® Direct					
		20		15	11	
1	10,12	12,13			9,11	9,11
	15	13,14	29,30		X,X	11,13
	20,24				7,9	8,9
	15,18					
87PANZ	PowerPlex® Fusion 6C (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
89YHGW	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
8B294Y	GlobalFiler™ (STRmix v2.5)					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
8BAGTJ	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
8BK4UY	PowerPlex® Fusion 6C, GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	Not Tested
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18	No Results	No Results	No Results	No Results	

TABLE 2

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

Item 1 - STR Results

8DNR6W	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,33	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
8DPNKK	PowerPlex® Fusion					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11		7,9	8,9
	15,18					
8DYUB2	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
8DZHY8	Investigator® 24plex					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
8GTPZ3	PowerPlex® Fusion 5C					
	14,16	20	12,14	15	11	NA
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	NA	7,9	8,9
	15,18	NR/NE	NA	NA	NA	
8H9ZYV	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
8KBGX6	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	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

8N9NA8	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
8P4Z34	PowerPlex® Fusion 6C Direct					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
8PUYN9	Investigator® 24plex (STRMix)					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
8R989W	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
8RGHP7	Investigator® 24plex QS (STRmix)					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	-				
8WPE3A	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
8Y3GCZ	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

8Z6CNV	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
9444FT	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
949F24	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
962EAB	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
99X8YY	PowerPlex® Fusion 5C					
	14,16	20	12,14	15	11	NA
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	NA	7,9	8,9
	15,18	NR/NE	NA	NA	NA	
9CKJFH	PowerPlex® F6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
9FQ67V	GlobalFiler™ (STRmix v2.5)					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	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

9KQQFP	PowerPlex® Fusion 5C, GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
9L3CER	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
9MUD36	PowerPlex® Fusion 6C Direct					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
9NKG7Q	PowerPlex® 21					
	14,16	20,20		15,15	11,11	12,12
1	10,12	12,13		21,23	9,11	9,11
	15,15	13,14	29,30		X,X	11,13
	20,24	12,13	11,11		7,9	8,9
	15,18					
9TMG3L	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
9UVTKM	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
9WDF6Q	GlobalFiler™ Express					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					



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 1 - STR Results

9WF3L6	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
9WURMW	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
9YL77L	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18	ND	ND	ND		
9YNDH9	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
9YUV2A	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
9ZADZA	Investigator® 24plex					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
A4WKMM	PowerPlex® Fusion, GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

AANR6V	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18	NR	NR	NR		
ABB2TY	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
ABZ263	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
AC6RWR	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
AD3T66	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
AEADLD	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
AF44RR	PowerPlex® Fusion					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11		7,9	8,9
	15,18	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

AFQCEZ	PowerPlex® Fusion					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18	NR				
AGJT94	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
ALUFTF	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
AM6BF8	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
ANUT9R	GlobalFiler™ Express					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
AUZ89A	Investigator® 24plex QS (STRmix)					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
AWL7B7	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18	-	-	-	-	-

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 1 - STR Results

AWZPV4	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
B3T3JD	Investigator® 24plex					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
B8DZWE	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
B8MRAK	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
B9FUNK	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
BA6874	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
BDGCLJ	PowerPlex® Fusion					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18	INC				

TABLE 2

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

Item 1 - STR Results

BEQVDN	PowerPlex® 24					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18					
BFBQLV	PowerPlex® Fusion 5C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11		7,9	8,9
	15,18					
BFDKD3	GlobalFiler™ (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
BFMPAD	PowerPlex® Fusion					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18					
BGFMHJ	PowerPlex® Fusion 5C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18	INC				
BGGUT8	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
BGTW32	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

BKTUKE	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
BLADX6	Identifiler® Plus, PowerPlex® Fusion6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
BMYDP2	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
BPGXWP	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
BU3N9Z	PowerPlex® Fusion Direct					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
BUV7PV	PowerPlex® Fusion 5C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11		7,9	8,9
	15,18					
BUWZNV	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

BVWECU	Identifiler® Plus					
		20,20		15,15	11,11	
1	10,12	12,13			9,11	9,11
	15,15	13,14	29,30		X,X	11,13
	20,24				7,9	8,9
	15,18					
BWG369	Investigator® 24plex GO!					
	14,16	20,20	12,14	15,15	11,11	N/A
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	N/A	N/A	19,28.2	7,9	8,9
	15,18	N/A	N/A	N/A	N/A	
BXBQH3	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
BXVK4X	PowerPlex® 5C,6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18	NR	NR	NR		
C2KYUL	PowerPlex® Fusion 6C, GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18	NR	NR	NR	NR	
C3QDB2	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
C3UZQU	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	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

C4GTCW	Investigator® 24plex QS					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
C6EUKA	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	No Results			No Results	
CDWXJ	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18	ND	ND	ND		
CE88VT	PowerPlex® PP21					
	14,16	20		15	11	12
1	10,12	12,13		21,23	9,11	9,11
	15	13,14	29,30		X	11,13
	20,24	12,13	11		7,9	8,9
	15,18					
CEAKAU	Identifiler® Direct					
		20		15	11	
1	10,12	12,13			9,11	9,11
	15	13,14	29,30		X,X	11,13
	20,24				7,9	8,9
	15,18					
CFE6NV	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
CFYB8P	Investigator® 24plex QS					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					



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 1 - STR Results

CGY8UP	Identifiler®					
		20		15	11	
1	10,12	12,13			9,11	9,11
	15	13,14	29,30		X	11,13
	20,24				7,9	8,9
	15,18					
CNAM78	GlobalFiler™ Express					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
CNXF7N	PowerPlex® Fusion					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18	INC				
CP2LK7	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
CPTXM	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	No results			No results	
CQVCQK	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
CREFTV	Identifiler® Direct					
		20		15	11	
1	10,12	12,13			9,11	9,11
	15	13,14	29,30		X,X	11,13
	20,24				7,9	8,9
	15,18					

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 1 - STR Results

CV6P8J	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
D23XHN	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
D63X2U	Identifiler® Direct					
	-	20	-	15	11	-
1	10,12	12,13	-	-	9,11	9,11
	15	13,14	29,30	-	X,X	11,13
	20,24	-	-	-	7,9	8,9
	15,18	-	-	-	-	-
D7BBAW	PowerPlex® Fusion 6C Direct					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
DAXMNT	PowerPlex® Fusion 5C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11		7,9	8,9
	15,18					
DBU8BR	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
DEE2KY	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

DEHL9U	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
DJAX37	GlobalFiler™ Express					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
DJCKGX	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
DJZCY3	PowerPlex®					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18	INC				
DKVWL2	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18	NR	NR	NR		
DKWDD7	GlobalFiler™ (STRmix)					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
DLGVU2	GlobalFiler™ Express					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

DMGEVN	PowerPlex® 21 (STRMix)					
	14,16	20,20		15,15	11,11	12,12
1	10,12	12,13		21,23	9,11	9,11
	15,15	13,14	29,30		X,X	11,13
	20,24	12,13	11,11		7,9	8,9
	15,18					
DPA82Q	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
DR36NP	Investigator® 24plex					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
DTZGGE	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
DU48H8	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
DUHTR9	Identifiler® Plus					
		20,20		15,15	11,11	
1	10,12	12,13			9,11	9,11
	15,15	13,14	29,30		X,X	11,13
	20,24				7,9	8,9
	15,18					
DW9R8T	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	---			---	

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 1 - STR Results

DXDKQ8	GlobalFiler™ Express					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
DZJ3P4	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
E647RK	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
E7K3JK	GlobalFiler™ Express					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
E8JTXH	PowerPlex® Fusion, GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
E9UQAE	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
EABPMC	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

EBV92C	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
ECG4GX	GlobalFiler™ (STRmix)					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
EEFHPW	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
EFYHKX	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
EGN48Q	GlobalFiler™ (STRmix v2.5)					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
EGU7YM	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
EHFQT8	GlobalFiler™ Express					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	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

EN9UXV	PowerPlex® Fusion 6C, GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
EUA7R	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
EV9C9Z	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
F2BM2C	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
F3V843	Investigator® 24plex					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
F7EDLY	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
F7VKXA	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

F9J28H	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
F9YBPV	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	ND			ND	
FAVMTB	PowerPlex® Fusion F6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
FE44TY	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	-			-	
FF4F8M	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
FK4T2Q	PowerPlex® Fusion, GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
FKY8KQ	Identifiler® Plus (STRmix)					
		20,20		15,15	11,11	
1	10,12	12,13			9,11	9,11
	15,15	13,14	29,30		X,X	11,13
	20,24				7,9	8,9
	15,18					



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 1 - STR Results

FLY7TP	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
FM8XN7	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	-
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	-	-	19,28.2	7,9	8,9
	15,18	-	-	-	-	-
FMHWDV	Investigator® 24plex					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
FNR2QJ	Investigator® 24plex (STRmix)					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
FP6H4W	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
FPKTNX	Identifiler®					
		20		15	11	
1	10,12	12,13			9,11	9,11
	15	13,14	29,30		X	11,13
	20,24				7,9	8,9
	15,18					
FRGCX7	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	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

FTB33K	PowerPlex® F6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
FU2499	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	-			-	
FVZ2PW	PowerPlex® Fusion 5C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18	NR				
FW7RBP	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
FZQ78J	PowerPlex® 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
G2ENHW	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
G4RPQX	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

G4YMLT	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
G4Z999	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	n/a
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	n/a	n/a	19,28.2	7,9	8,9
	15,18	n/a	n/a	n/a	n/a	
GCDE7R	Investigator® 24plex QS					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
GF3GJR	PowerPlex® Fusion 6C (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
GK43GT	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	---			---	
GKNNMQ	GlobalFiler™ Express (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	-			-	
GNHZA6	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	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

GNRCBV	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
GPK8TV	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
GQFNCL	GlobalFiler™ Express (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
GQHDFJ	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
GTPQ4C	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
GUL4PJ	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
GUMLTD	PowerPlex® Fusion					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18	INC				

TABLE 2

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

## Item 1 - STR Results

GV2N4R	Identifiler® Direct					
		20		15	11	
1	10,12	12,13			9,11	9,11
	15	13,14	29,30		X,X	11,13
	20,24				7,9	8,9
	15,18					
GX9BDQ	PowerPlex® Fusion 5C					
	14,16	20	12,14	15	11	NA
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	NA	7,9	8,9
	15,18	NR/NE	NA	NA	NA	
GXAYZV	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	--			--	
GXKGJM	PowerPlex® PP16					
				15,15	11,11	
1	10,12	12,13			9,11	9,11
	15,15		29,30		X,X	11,13
	20,24	12,13	11,11		7,9	8,9
	15,18					
GXN4XE	PowerPlex® Fusion 5C, 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
GYTPHF	PowerPlex® F6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
H2M2FZ	Investigator® 24plex					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	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

H4JEGR	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NA			NA	
H6Y6VH	PowerPlex® 21					
	14,16	20,20		15,15	11,11	12,12
1	10,12	12,13		21,23	9,11	9,11
	15,15	13,14	29,30		X,X	11,13
	20,24	12,13	11,11		7,9	8,9
	15,18					
H7R34P	PowerPlex® Fusion 6C (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18	NR	NR	NR		
H7TQQU	PowerPlex® Fusion 6C Direct					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
H83ZEL	Identifiler® Plus, MiniFiler					
		20		15	11	
1	10,12	12,13			9,11	9,11
	15	13,14	29,30		X	11,13
	20,24				7,9	8,9
	15,18					
H9KBUY	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
HCNN9W	PowerPlex® Fusion6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18	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

HE3XTB	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
HEME9D	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
HJWH2	GlobalFiler™ Express					
	14,16	20,20	12,14	15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
HKRHWQ	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
HLK8JT	PowerPlex® Fusion 6C (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
HNEDY4	GlobalFiler™ Express					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
HPX7GD	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

HU6P86	Identifiler® Plus					
		20,20		15,15	11,11	
1	10,12	12,13			9,11	9,11
	15,15	13,14	29,30		X,X	11,13
	20,24				7,9	8,9
	15,18					
HUCUYN	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
HUG9RG	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
HVXNEC	PowerPlex® Fusion					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18					
HWWPMN	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	-			-	
HY6XTT	GlobalFiler™ Express (STRMix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	-			-	
HYR9J	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					



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 1 - STR Results

HZXWZY	Investigator® 24plex (STRmix)					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
J3R9XH	PowerPlex® Fusion 5C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18					
J4Y72V	Investigator® 24plex GO! (TrueAllele)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
J8LH3L	PowerPlex® Fusion 6C (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
J8NWD6	PowerPlex® Fusion, MiniFiler					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11		7,9	8,9
	15,18	No Results				
JCGB9L	Identifiler® Plus					
		20,20		15,15	11,11	
1	10,12	12,13			9,11	9,11
	15,15	13,14	29,30		X,X	11,13
	20,24				7,9	8,9
	15,18					
JD2ECY	PowerPlex® Fusion 6 C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

JE6BJG	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	no results			no results	
JJ7A3L	PowerPlex® Fusion 5C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11		7,9	8,9
	15,18					
JKHZCQ	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	ND			ND	
JL4CPV	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
JN6Y3E	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
JQDQXW	PowerPlex® Fusion 6C (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
JRGHR3	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

JRJ3P4	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
JUW7LM	Identifiler® Plus					
		20,20		15,15	11,11	
1	10,12	12,13			9,11	9,11
	15,15	13,14	29,30		X,X	11,13
	20,24				7,9	8,9
	15,18					
JY4B6M	Investigator® 24plex					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
JY4C4U	PowerPlex® Fusion 6C (STRMix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
JZCMK4	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
JZDBAU	GlobalFiler™ (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
JZNRTV	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	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

JZZPP2	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	No Results			No Results	
K37YHM	PowerPlex® Fusion 5C					
	14,16	20	12,14	15	11	NA
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	NA	7,9	8,9
	15,18	NR/NE	NA	NA	NA	
K3RK3Q	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
K7HGD7	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	-			-	
K9KEPR	Investigator® 24plex					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
K9ZRYW	PowerPlex® Fusion					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18	INC				
KAW4YW	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	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

KBZZRM	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
KC4J9M	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
KEVNVV	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
KFBRWZ	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
KGTXYP	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
KHK8JQ	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
KJ8F72	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

KKEVBE	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
KKTD37	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	No results			No results	
KLKPQD	PowerPlex® Fusion6C, GlobalFiler™, Investigator® 24plex QS					
	14,16	20,20	12,14	15,15	11,11	NT
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18	NR	NR	NR	NR	
KM9H7Q	PowerPlex® Fusion 6C (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
KMX6UJ	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
KPJRPT	Identifiler® Plus, MiniFiler					
		20		15	11	
1	10,12	12,13			9,11	9,11
	15	13,14	29,30		X	11,13
	20,24				7,9	8,9
	15,18					
KQLG6B	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

KQTYFF	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
KTF4YU	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
KTKNEM	Identifiler® Direct					
		20		15	11	
1	10,12	12,13			9,11	9,11
	15	13,14	29,30		XX	11,13
	20,24				7,9	8,9
	15,18					
KUFCVX	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
KUUGTG	Identifiler®					
		20		15	11	
1	10,12	12,13			9,11	9,11
	15	13,14	29,30		X	11,13
	20,24				7,9	8,9
	15,18					
KVM7FH	Identifiler® Plus, NGM					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24				7,9	8,9
	15,18					
KVY2DH	Investigator® 24plex (STRmix)					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	XX	11,13
	20,24			19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

KWBP3Q	GlobalFiler™					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X
		20,24			19,28.2	7,9
	15,18				8,9	
KWUCBD	GlobalFiler™ (STRmix)					
		14,16	20,20	12,14	15,15	11,11
	1	10,12	12,13	14,16	21,23	9,11
		15,15	13,14	29,30	14,15	X,X
		20,24			19,28.2	7,9
	15,18	NR			NR	
L22LXT	GlobalFiler™ (STRmix)					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X
		20,24			19,28.2	7,9
	15,18				8,9	
L386MN	GlobalFiler™					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X
		20,24			19,28.2	7,9
	15,18				8,9	
L64ARP	PowerPlex® Fusion 6C					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X
		20,24	12,13	11	19,28.2	7,9
	15,18				8,9	
L736GP	Identifiler® Plus					
			20		15	11
	1	10,12	12,13			9,11
		15	13,14	29,30		X
		20,24				7,9
	15,18				8,9	
L97TMG	PowerPlex® 21					
		14,16	20,20		15,15	11,11
	1	10,12	12,13		21,23	9,11
		15,15	13,14	29,30		X,X
		20,24	12,13	11,11		7,9
	15,18				8,9	



TABLE 2

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

L9YFPY	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
LAQC6T	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	-			-	
LAZHAH	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
LDDY6M	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
LLRBBE	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18	-	-	-		
LMLBK7	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
LRH3QG	PowerPlex® Fusion 5C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18					

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 1 - STR Results

LULF6F	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
LVKGDR	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
LW3AV2	PowerPlex® Fusion 5C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18					
LWNPB4	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
LWULQG	PowerPlex® Fusion Direct					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
LY7KHX	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
LYGQFK	PowerPlex® Fusion 6C, GlobalFiler™, Investigator® 24plex QS					
	14,16	20,20	12,14	15,15	11,11	Not Tested
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18	NR	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

LYRMCX	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
LYRMEJ	PowerPlex® F6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
M2B2FY	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
M6FKL8	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
M7L9L6	PowerPlex® Fusion (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18	INC				
M8PKVM	PowerPlex® Fusion 6C, Investigator® 24plex QS					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
M8QWVG	PowerPlex® ESX 16 Fast					
	14,16	20	12,14	15		
1		12,13	14,16	21,23		9,11
	15	13,14	29,30	14,15	X	
	20,24				7,9	
	15,18					

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 1 - STR Results

M9CDBV	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
MA47GM	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
MA8R82	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
MBNBH8	PowerPlex® 21					
	14,16	20,20		15,15	11,11	12,12
1	10,12	12,13		21,23	9,11	9,11
	15,15	13,14	29,30		X,X	11,13
	20,24	12,13	11,11		7,9	8,9
	15,18					
MDG88Z	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
MDJFAY	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	-
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	-	-	19,28.2	7,9	8,9
	15,18	-	-	-	-	-
ME9YNK	GlobalFiler™ (STRmix)					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	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

MEF98N	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	--			--	
MFCMXN	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
MGCJMR	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
MH4RGM	Investigator® 24plex					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
MHMJPE	PowerPlex® Fusion 6C (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
MHZ3GW	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
MKPD8P	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

MLAZEC	GlobalFiler™ Express					
1	14,16	20,20	12,14	15,15	11,11	
	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
MMQF27	PowerPlex® Fusion (STRMix)					
1	14,16	20	12,14	15	11	
	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18	NEG				
MMT6JB	PowerPlex® Fusion6C					
1	14,16	20	12,14	15	11	
	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
MQPUNW	Investigator® 24plex GO!					
1	14,16	20,20	12,14	15,15	11,11	n/a
	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	n/a	n/a	19,28.2	7,9	8,9
	15,18	n/a	n/a	n/a	n/a	
MQU7CT	GlobalFiler™					
1	14,16	20,20	12,14	15,15	11,11	
	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	-			-	
MR2N93	GlobalFiler™ (STRmix)					
1	14,16	20,20	12,14	15,15	11,11	
	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
MU7VDV	PowerPlex® 17FAST, Fusion, 21, NGM Detect, PanGlobal					
1	14,16	20,20	12,14	15,15	11,11	12,12
	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

MUL9PN	PowerPlex® Fusion 5C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18	NR				
MURMNM	Identifiler® Direct					
	-	20	-	15	11	-
1	10,12	12,13	-	-	9,11	9,11
	15	13,14	29,30	-	X,X	11,13
	20,24	-	-	-	7,9	8,9
	15,18	-	-	-	-	
MW3TZF	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
MXDBHZ	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
MYAW2K	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	not tested
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18	no result	no result	no result	not tested	
MZLMDA	GlobalFiler™ (STRmix)					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
N3DUKC	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

N3VW3L	GlobalFiler™					
		14,16	20,20	12,14	15,15	11,11
	1	10,12	12,13	14,16	21,23	9,11
		15,15	13,14	29,30	14,15	X,X
		20,24			19,28.2	7,9
	15,18				8,9	
N4GPPP	GlobalFiler™					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X
		20,24			19,28.2	7,9
	15,18				8,9	
NBP96T	GlobalFiler™					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X
		20,24			19,28.2	7,9
	15,18				8,9	
NCXPHL	PowerPlex® F6C (STRmix)					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X
		20,24	12,13	11	19,28.2	7,9
	15,18	NR	NR	NR	8,9	
NHEXDN	GlobalFiler™					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X
		20,24			19,28.2	7,9
	15,18				8,9	
NJWXJY	Investigator® 24plex					
		14,16	20,20	12,14	15,15	11,11
	1	10,12	12,13	14,16	21,23	9,11
		15,15	13,14	29,30	14,15	X,X
		20,24			19,28.2	7,9
	15,18				8,9	
NP3HWX	GlobalFiler™ (STRmix)					
		14,16	20,20	12,14	15,15	11,11
	1	10,12	12,13	14,16	21,23	9,11
		15,15	13,14	29,30	14,15	X,X
		20,24			19,28.2	7,9
	15,18				8,9	



TABLE 2

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

NP684F	PowerPlex® Fusion6C (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
NPHTGW	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
NPUPBF	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
NPYVFK	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
NR9ZVU	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
NRR8EB	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
NTTHBK	Identifiler® Plus					
		20		15	11	
1	10,12	12,13			9,11	9,11
	15	13,14	29,30		X	11,13
	20,24				7,9	8,9
	15,18					

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 1 - STR Results

NUKZKD	GlobalFiler™					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X
		20,24			19,28.2	7,9
	15,18				8,9	
NXXKYA	GlobalFiler™					
		14,16	20,20	12,14	15,15	11,11
	1	10,12	12,13	14,16	21,23	9,11
		15,15	13,14	29,30	14,15	X,X
		20,24			19,28.2	7,9
	15,18				8,9	
NYVL8M	GlobalFiler™					
		14,16	20,20	12,14	15,15	11,11
	1	10,12	12,13	14,16	21,23	9,11
		15,15	13,14	29,30	14,15	X,X
		20,24			19,28.2	7,9
	15,18				8,9	
NZUHJ7	GlobalFiler™					
		14,16	20,20	12,14	15,15	11,11
	1	10,12	12,13	14,16	21,23	9,11
		15,15	13,14	29,30	14,15	X,X
		20,24			19,28.2	7,9
	15,18				8,9	
P34PWK	PowerPlex® Fusion 6C					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X
		20,24	12,13	11	19,28.2	7,9
	15,18				8,9	
P3AMVP	GlobalFiler™					
		14,16	20,20	12,14	15,15	11,11
	1	10,12	12,13	14,16	21,23	9,11
		15,15	13,14	29,30	14,15	X,X
		20,24	N/T	N/T	19,28.2	7,9
	15,18	N/R	N/T	N/T	N/R	
P4QBJF	PowerPlex® F6C					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X
		20,24	12,13	11	19,28.2	7,9
	15,18				8,9	

TABLE 2

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

P6C7HH	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
P748HE	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
P999DX	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
P9BYJM	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
P9R6RJ	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
PADY6L	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
PFAKCF	Investigator® 24plex (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

PGF9CD	PowerPlex® Fusion6C					
	14,16	20	12,14	15	11	NR
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18	NR	NR	NR	NR	
PGP7EC	PowerPlex® 21					
	14,16	20,20		15,15	11,11	12,12
1	10,12	12,13		21,23	9,11	9,11
	15,15	13,14	29,30		X,X	11,13
	20,24	12,13	11,11		7,9	8,9
	15,18					
PHDGUQ	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
PMCHBM	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
PNLPDF	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
PQ7TNR	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
PR26WD	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

PRMVRL	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
PT9RQJ	PowerPlex® Fusion 5C					
	14,16	20	12,14	15	11	NA
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	NA	7,9	8,9
	15,18	NR/NE	NA	NA	NA	
PVL7NL	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
PWH726	PowerPlex® F6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
PX9JTH	PowerPlex® Fusion 6C (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
PXZXHT	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	-
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18	-	-	-	-	
PYAERE	PowerPlex® Fusion 5C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18					

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 1 - STR Results

PZKY2V	GlobalFiler™ Express					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
Q9LEWK	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
QA3E9P	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
QAF3BA	Investigator® 24plex (STRmix)					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
QC4MBE	PowerPlex® Fusion 6C (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
QC7AP8	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
QCN4T3	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

QDN4YF	PowerPlex® Fusion6C, GlobalFiler™, Investigator® 24plex QS					
	14,16	20,20	12,14	15,15	11,11	NT
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18	NR	NR	NR	NR	
QER4KM	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
QFNXGC	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
QFPZKH	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NA			NA	
QFV3CE	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
QGDVA4	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
QGMYPF	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

QH6UHA	PowerPlex® Fusion 5C (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18	INC				
QLE8RA	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
QLGVEF	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
QMGT3F	PowerPlex® Fusion 5C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11		7,9	8,9
	15,18					
QN83MG	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
QQ8MMR	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
QXWUBU	Identifiler® Plus, MiniFiler					
		20		15	11	
1	10,12	12,13			9,11	9,11
	15	13,14	29,30		X	11,13
	20,24				7,9	8,9
	15,18					



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 1 - STR Results

QYWCK	Investigator® 24plex					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
R66DJF	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
R7DFLE	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
RE7QGF	PowerPlex® Fusion 5C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11		7,9	8,9
	15,18					
RFE99J	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
RGBAMN	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
RH2KAA	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	-			-	

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 1 - STR Results

RK6YFA	Identifiler®					
		20		15	11	
1	10,12	12,13			9,11	9,11
	15	13,14	29,30		X	11,13
	20,24				7,9	8,9
	15,18					
RK7C2N	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	-			-	
RK7EP8	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	No result			No result	
RP6EGP	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18	-	-	-	-	
RQ722G	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18	NR	NR	NR		
RQ7RGC	PowerPlex® Fusion 6C Direct					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
RQVP4B	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

RT9AFL	Investigator® 24plex GO					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR				
RTCWUE	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
RVN2U2	PowerPlex® Fusion					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18	INC				
RWJELZ	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
T6QFDE	PowerPlex® Fusion 5C					
	14,16	20	12,14	15	11	NA
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	NA	7,9	8,9
	15,18	NR/NE	NA	NA	NA	
TA4EP8	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
TCQXTQ	Identifiler® Plus, MiniFiler					
		20		15	11	
1	10,12	12,13			9,11	9,11
	15	13,14	29,30		X	11,13
	20,24				7,9	8,9
	15,18					

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 1 - STR Results

TCVCER	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
TE4B6U	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
TFZQF7	PowerPlex® Fusion 6C (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
TM673E	Investigator® 24plex QS					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	-				
TMEQHU	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
TN44XR	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
TP7CGK	PowerPlex® 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

TP9F2H	PowerPlex® Fusion 5C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18	NR				
TPLW94	Investigator® 24plex GO!					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
TQWYU3	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
TRWWBP	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
TVFGHH	PowerPlex® Fusion 5C					
	14,16	20	12,14	15	11	NA
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	NA	7,9	8,9
	15,18	NR/NE	NA	NA	NA	
TX87BB	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
TXBVDM	PowerPlex® Fusion					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18	INC				

TABLE 2

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

Item 1 - STR Results

U2GJ37	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
U3KE4T	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
U3VFRM	PowerPlex® Fusion 5C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11		7,9	8,9
	15,18	No Results				
U6YA96	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
U6ZYMC	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
UBKM3A	GlobalFiler™ Express					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
UCCT8Y	PowerPlex® F6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

UCUKFQ	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	No results			No results	
UCX8UJ	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
UD24YR	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
UFDXZE	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
UFUL9D	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18	NR	NR	NR		
UGJCWR	Identifiler® Plus					
		20,20		15,15	11,11	
1	10,12	12,13			9,11	9,11
	15,15	13,14	29,30		X,X	11,13
	20,24				7,9	8,9
	15,18					
UGTURD	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	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

UHQ8DL	GlobalFiler™					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X
		20,24			19,28.2	7,9
	15,18				8,9	
UN3M7L	PowerPlex® Fusion 6C					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X
		20,24	12,13	11	19,28.2	7,9
	15,18	NR	NR	NR	8,9	
UPUP4M	PowerPlex® Fusion 6C					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X
		20,24	12,13	11	19,28.2	7,9
	15,18				8,9	
UQA4EH	Investigator® 24plex QS					
		14,16	20,20	12,14	15,15	11,11
	1	10,12	12,13	14,16	21,23	9,11
		15,15	13,14	29,30	14,15	X,X
		20,24			19,28.2	7,9
	15,18				8,9	
UQNF4B	PowerPlex® Fusion 5C					
		14,16	20,20	12,14	15,15	11,11
	1	10,12	12,13	14,16	21,23	9,11
		15,15	13,14	29,30	14,15	X,X
		20,24	12,13	11,11		7,9
	15,18				8,9	
UTLD96	GlobalFiler™ (STRmix)					
		14,16	20,20	12,14	15,15	11,11
	1	10,12	12,13	14,16	21,23	9,11
		15,15	13,14	29,30	14,15	X,X
		20,24			19,28.2	7,9
	15,18	NR			8,9	
					NR	
UVQ6ZP	PowerPlex® Fusion 6C					
		14,16	20,20	12,14	15,15	11,11
	1	10,12	12,13	14,16	21,23	9,11
		15,15	13,14	29,30	14,15	X,X
		20,24	12,13	11,11	19,28.2	7,9
	15,18				8,9	



TABLE 2

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

UVXH9Q	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	-			-	
UYXC9	PowerPlex® Fusion 5C					
	14,16	20	12,14	15	11	NA
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	NA	7,9	8,9
	15,18	NE/NR	NA	NA	NA	
V2VALA	PowerPlex® Fusion 6C (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
V4QF9Y	Identifiler® Plus					
		20,20		15,15	11,11	
1	10,12	12,13			9,11	9,11
	15,15	13,14	29,30		X,X	11,13
	20,24				7,9	8,9
	15,18					
V98F7R	Investigator® 24plex (STRmix)					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
VFEWR2	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
VFZVBX	PowerPlex® Fusion					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18	INC				

TABLE 2

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

Item 1 - STR Results

VG3D2A	GlobalFiler™ Express (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
VHYQLG	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
VJ3R3D	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
VJB7T9	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
VMBEWH	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	NA
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	NA	NA	19,28.2	7,9	8,9
	15,18	NA	NA	NA	NA	
VPEMBN	GlobalFiler™ Express					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
VQCZUA	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

VT3XJR	PowerPlex® Fusion 5C, 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
VWFVMF	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
VX8UW8	Investigator® 24plex					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
VXLKGC	PowerPlex® F6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
VY2KY9	PowerPlex® Fusion 5C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11,11		7,9	8,9
	15,18	NR				
VY69GL	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
VY7L2E	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

W36TP4	GlobalFiler™					
		14,16	20,20	12,14	15,15	11,11
	1	10,12	12,13	14,16	21,23	9,11
		15,15	13,14	29,30	14,15	X,X
		20,24			19,28.2	7,9
	15,18				8,9	
W39JHK	PowerPlex® Fusion (STRMix)					
		14,16	20,20	12,14	15,15	11,11
	1	10,12	12,13	14,16	21,23	9,11
		15,15	13,14	29,30	14,15	X,X
		20,24	12,13	11,11		7,9
	15,18	INC			8,9	
W4GWRN	GlobalFiler™ Express					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X
		20,24			19,28.2	7,9
	15,18				8,9	
W6YUAD	GlobalFiler™					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X
		20,24			19,28.2	7,9
	15,18				8,9	
WA2FVH	GlobalFiler™					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X
		20,24			19,28.2	7,9
	15,18				8,9	
WAXZCN	GlobalFiler™ (STRmix)					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X
		20,24			19,28.2	7,9
	15,18				8,9	
WFA2UY	PowerPlex® Fusion 6C, GlobalFiler™					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X
		20,24	12,13	11	19,28.2	7,9
	15,18				8,9	

TABLE 2

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

WH7RGC	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
WJV7N9	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
WLK9UW	GlobalFiler™ Express (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
WMFTJG	Identifiler® Plus, MiniFiler					
		20		15	11	
1	10,12	12,13			9,11	9,11
	15	13,14	29,30		X	11,13
	20,24				7,9	8,9
	15,18					
WMTPL2	PowerPlex® Fusion, GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
WPC8J9	GlobalFiler™ (STRMIX)					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
WQVLBV	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	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

WUH6EE	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
WUUW8V	PowerPlex® Fusion6C, GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
WVDJ7D	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
WWV8N6	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
WX3ZAJ	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
WZF8BV	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
WZGKVN	GlobalFiler™ Express					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	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

X6RJZ8	Identifiler® Plus					
		20,20		15,15	11,11	
1	10,12	12,13			9,11	9,11
	15,15	13,14	29,30		X,X	11,13
	20,24				7,9	8,9
	15,18					
X7LNPE	Identifiler® Plus					
		20		15	11	
1	10,12	12,13			9,11	9,11
	15	13,14	29,30		X	11,13
	20,24				7,9	8,9
	15,18					
X8XFCH	PowerPlex® Fusion 6C (STRMix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
X98PZ9	Identifiler® Plus					
		20,20		15,15	11,11	
1	10,12	12,13			9,11	9,11
	15,5	13,14	29,30		X,X	11,13
	20,24				7,9	8,9
	15,18					
XACW62	PowerPlex® Fusion 6C (STRMix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
XAFGVP	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
XBY6RB	Identifiler® Plus					
		20		15	11	
1	10,12	12,13			9,11	9,11
	15	13,14	29,30		X	11,13
	20,24				7,9	8,9
	15,18					

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 1 - STR Results

XC7HZD	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
XDZ97R	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
XEABZC	PowerPlex® Fusion 5C, Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18	NR	NR	NR		
XF38FZ	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
XHPQGX	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
XM4FTD	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
XNKZZZ	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	Not detected			Not detected	



TABLE 2

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

XNLTNP	GlobalFiler™ (STRmix)					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X
		20,24			19,28.2	7,9
	15,18				8,9	
XNQ2F9	PowerPlex® Fusion6C					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X
		20,24	12,13	11	19,28.2	7,9
	15,18				8,9	
XNTWVZ	GlobalFiler™ Express					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X,X
		20,24			19,28.2	7,9
	15,18				8,9	
XPRX4D	PowerPlex® Fusion 6C					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X
		20,24	12,13	11	19,28.2	7,9
	15,18				8,9	
XQDPR9	PowerPlex® Fusion 5C					
		14,16	20,20	12,14	15,15	11,11
	1	10,12	12,13	14,16	21,23	9,11
		15,15	13,14	29,30	14,15	X,X
		20,24	12,13	11,11		7,9
	15,18				8,9	
XQKNAR	GlobalFiler™					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X
		20,24			19,28.2	7,9
	15,18				8,9	
XT7FDG	GlobalFiler™					
		14,16	20	12,14	15	11
	1	10,12	12,13	14,16	21,23	9,11
		15	13,14	29,30	14,15	X
		20,24			19,28.2	7,9
	15,18				8,9	

TABLE 2

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

XTGPFM	Identifiler® Plus, MiniFiler					
		20		15	11	
1	10,12	12,13			9,11	9,11
	15	13,14	29,30		X	11,13
	20,24				7,9	8,9
	15,18					
XWGE7	Identifiler® Plus					
		20		15	11	
1	10,12	12,13			9,11	9,11
	15	13,14	29,30		X	11,13
	20,24				7,9	8,9
	15,18					
XY4UFW	PowerPlex® Fusion 6C, Fusion 5C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
XZYE9N	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	no results			no results	
Y2NMT7	Identifiler® Plus (STRmix)					
		20,20		15,15	11,11	
1	10,12	12,13			9,11	9,11
	15,15	13,14	29,30		X,X	11,13
	20,24				7,9	8,9
	15,18					
Y3QHJF	Investigator® 24plex					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.22	7,9	8,9
	15,18					
Y7ACL8	Investigator® 24plex (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

Y7BZAD	GlobalFiler™ Express (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	-			-	
Y7L66N	Identifiler® Plus					
		20,20		15,15	11,11	
1	10,12	12,13			9,11	9,11
	15,15	13,14	29,30		X,X	11,13
	20,24				7,9	8,9
	15,18					
Y88NEW	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
Y8E4DV	PowerPlex® Fusion					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11		7,9	8,9
	15,18	INC				
Y8MZ4L	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
Y92AA9	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
Y9PZNR	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	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

YA4BUB	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
YAD6VZ	GlobalFiler™ (STRmix)					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
YBCKRA	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
YCLRHX	GlobalFiler™ (STRmix)					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NA			NA	
YD9XRA	GlobalFiler™ Express					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	-			-	
YE9V2C	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NA			NA	
YEEFG6	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

YEJT3F	PowerPlex® Fusion 5C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11		7,9	8,9
	15,18					
YJA6XC	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	-			-	
YKHH8F	GlobalFiler™ (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
YKTX9L	PowerPlex® Fusion 6C					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24	12,13	11,11	19,28.2	7,9	8,9
	15,18					
YMJZE3	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
YNKD69	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
YNPQXB	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18	-	-	-	-	

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 1 - STR Results

YNYQK6	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
YP2E9A	Identifiler® Direct					
	-	20	-	15	11	-
1	10,12	12,13	-	-	9,11	9,11
	15	13,14	29,30	-	X,X	11,13
	20,24	-	-	-	7,9	8,9
	15,18	-	-	-	-	
YTQYWZ	GlobalFiler™ (STRmix)					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
YU2RV9	Investigator® 24plex QS					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	-				
YWZYNC	GlobalFiler™ Express (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	-			-	
Z2LECH	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
Z3E8Y3	PowerPlex® 21					
	14,16	20,20		15,15	11,11	12,12
1	10,12	12,13		21,23	9,11	9,11
	15,15	13,14	29,30		X,X	11,13
	20,24	12,13	11,11		7,9	8,9
	15,18					

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 1 - STR Results

Z3ENC7	AmpFISTR NGM					
1	14,16	20,20	12,14	15,15		
		12,13	14,16	21,23		9,11
	15,15	13,14	29,30	14,15	X,X	
	20,24				7,9	
	15,18					
Z3F2Q7	GlobalFiler™					
1	14,16	20,20	12,14	15,15	11,11	
	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
Z8K3EW	GlobalFiler™ (STRmix)					
1	14,16	20,20	12,14	15,15	11,11	
	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
ZAFJ6J	GlobalFiler™					
1	14,16	20	12,14	15	11	
	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
ZBDKMM	GlobalFiler™					
1	14,16	20	12,14	15	11	
	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	-			-	
ZFXEUW	GlobalFiler™					
1	14,16	20	12,14	15	11	
	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
ZGW EAM	PowerPlex® Fusion 6C, Investigator® 24plex					
1	14,16	20	12,14	15	11	
	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					

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 1 - STR Results

ZKYCKF	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18	NR			NR	
ZLJFMT	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
ZM2Y7W	GlobalFiler™					
	14,16	20,20	12,14	15,15	11,11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15,15	13,14	29,30	14,15	X,X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
ZMBPK3	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
ZPEC48	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
ZPRZCK	Identifiler® Plus					
		20,20		15,15	11,11	
1	10,12	12,13			9,11	9,11
	15,15	13,14	29,30		X,X	11,13
	20,24				7,9	8,9
	15,18					
ZQNHAf	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18	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

ZQW3U7	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18					
ZTZKJ8	PowerPlex® Fusion 6C					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24	12,13	11	19,28.2	7,9	8,9
	15,18	NR	NR	NR		
ZVQMPV	GlobalFiler™ (STRmix)					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					
ZWLR74	GlobalFiler™					
	14,16	20	12,14	15	11	
1	10,12	12,13	14,16	21,23	9,11	9,11
	15	13,14	29,30	14,15	X	11,13
	20,24			19,28.2	7,9	8,9
	15,18					

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

22QRXJ	Investigator® 24plex QS, MiniFiler					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
23ZWC8	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
248DAC	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	11				
24RZKF	Investigator® 24plex GO					
	16,3,17,3	22,25	11,3,14	15,17	12,13	N/A
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	N/A	N/A	16,36	6,9	9,12
	17,18	11	N/A	N/A	N/A	
2844ZY	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
28RCGF	Investigator® 24plex GO!					
	16,3,17,3	22,25	11,3,14	15,17	12,13	N/A
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	N/A	N/A	16,36	6,9	9,12
	17,18	11	N/A	N/A	N/A	
29CVVF	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

Item 2 - STR Results

29Y722	Investigator® 24plex					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
2FELC6	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
2FEZR6	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
2FHVYU	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
2FYNGD	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
2L2QCF	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
2MFM2W	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

2MQ96Z	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	11				
2N3UQT	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
2P8P2J	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
2PKUZC	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
2QZB9A	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
2TBCQG	PowerPlex® Fusion					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
2TEQJC	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

2UBM67	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
2UVW7G	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
2Y4HHQ	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
2YBZY9	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	NA
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	NA	NA	16,36	6,9	9,12
	17,18	11	NA	NA	2	
2YCNDP	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
342HQ8	PowerPlex® Fusion 6C Direct					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
36QHLC	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

3846EA	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
38ANPD	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
38TCM2	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
3A2N44	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
3A9W2A	Identifiler® Plus					
		22,25		15,17	12,13	
2	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
3AJMB8	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
3ATUWM	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

3C873Y	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
3FYL87	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	11
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
3GDUML	PowerPlex® F6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
3HYWNF	GlobalFiler™ Express					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
3LHBL3	PowerPlex® 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
3MHPE9	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
3P8YGM	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

## Item 2 - STR Results

3T2GKV	PowerPlex® Fusion 6C, GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	Not Tested
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16	2	
3VCU9A	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
3W7HMX	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
3WUTTE	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
47J3B2	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
48BMWU	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
493R3K	PowerPlex® F6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		



TABLE 2

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

Item 2 - STR Results

49CX4M	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
49NFPY	NGM SElect Express (GeneMapper ID-X)					
	16,3,17,3	22,25	11,3,14	15,17		
2		10,14	13	17,3,21		11,13
	16,19	14,14.2	29,31	11,15	X,Y	
	20			16,36	6,9	
	17,18					
4AT3TD	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16	-	
4BYG87	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
4E38G7	PowerPlex® Fusion, In-house					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	11				
4E64XH	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
4GTHFZ	PowerPlex® Fusion6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

Item 2 - STR Results

4HQMEA	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
4J7CTZ	Identifiler® Plus, MiniFiler					
		22,25		15,17	12,13	
2	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
4J7VR2	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
4K8B3Y	Identifiler®, Investigator® 24plex (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
4L6JL4	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
4LDURW	PowerPlex® 21					
	16,3,17,3	22,25		15,17	12,13	12,13
2	9,10	10,14		17,3,21	12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18					
4M8FM9	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

Item 2 - STR Results

4MTV6H	Identifiler® Plus					
		22,25		15,17	12,13	
2	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
4RDT88	PowerPlex® Fusion 6C					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
4T8JBZ	PowerPlex® Fusion 6C					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
4TA7QT	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
4TYM83	Investigator® 24plex QS					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
4U8YKX	PowerPlex® 21					
	16.3,17.3	22,25		15,17	12,13	12,13
2	9,10	10,14		17.3,21	12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18					
4UQ2RQ	PowerPlex® Fusion 6C, Fusion 5C					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

Item 2 - STR Results

4VNX8T	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
4VZN8Y	PowerPlex® Fusion 6C Direct					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
4WKBYR	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
4Y8V2B	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
4ZREGB	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
4ZU2V4	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
688ZUR	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

6AZVPY	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
6DAAXY	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	NA
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	NA	NA	16,36	6,9	9,12
	17,18	11	NA	NA	2	
6DBKKP	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
6DJQRR	PowerPlex® Fusion					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
6ETCBK	PowerPlex® Fusion 5C, MiniFiler					
	16,3,17,3	22,25	11,3,14	15,17	12,13	Not Tested
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	Not Tested	6,9	9,12
	17,18	11	Not Tested	Not Tested	Not Tested	
6EVYPD	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
6GYV33	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

Item 2 - STR Results

6HVZHZ	PowerPlex® Fusion 5C, GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11			2	
6LZ494	Investigator® 24plex					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
6N7NXP	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
6NTABF	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
6PACEA	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
6QGEF9	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
6RAJHR	PowerPlex® F6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

Item 2 - STR Results

6RXTNH	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
6TE9NG	Identifiler® Plus					
		22,25		15,17	12,13	
2	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
6X8EZC	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
6YGYTM	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	11				
6YVGL9	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
6ZBKMD	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
73TGYB	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

74F2KE	PowerPlex® ESI 16 FAST					
	16,3,17.3	22,25	11.3,14	15,17		
2		10,14	13,13	17.3,21		11,13
	16,19	14,14.2	29,31	11,15	X,Y	
	20,20				6,9	
	17,18					
76Z8CY	GlobalFiler™					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
77XUAG	PowerPlex® Fusion 5C & 6C					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
78Q9RK	PowerPlex® Fusion					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
7A7ABZ	Investigator® 24plex (STRMix)					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
7ANDRD	Investigator® 24plex QS, MiniFiler					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
7B39GY	Identifiler® Plus, MiniFiler					
		22,25		15,17	12,13	
2	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	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

7CT7G7	PowerPlex® Fusion 6C (ArmedXpert)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
7D4NYP	PowerPlex® F6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
7D9DV3	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
7E3KDY	Identifiler® Plus					
		22,25		15,17	12,13	
2	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
7FL7HU	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
7HC8NH	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	11				
7KCK3U	PowerPlex® Fusion (STRMix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				

TABLE 2

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

Item 2 - STR Results

7L6ERZ	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
7QCNEF	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
7QLW42	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
7R23WX	Investigator® 24plex					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
7T7LEF	GlobalFiler™ Express					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
7T7NXT	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
7VZ6V8	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

7WWTBW	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
7Y7T6V	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
7ZPT4X	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
7ZUCZ2	PowerPlex® F6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
82CEX3	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
82TJHN	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
833XH3	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

87CYFY	Identifiler® Direct					
		22,25		15,17	12,13	
2	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
87PANZ	PowerPlex® Fusion 6C (STRmix)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
89YHGW	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
8B294Y	GlobalFiler™ (STRmix v2.5)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
8BAGTJ	PowerPlex® Fusion 6C					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
8BK4UY	PowerPlex® Fusion 6C, GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	Not Tested
2	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	{11,15}	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16	2	
8DNR6W	PowerPlex® Fusion 6C					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

## Item 2 - STR Results

8DPNKK	PowerPlex® Fusion					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	11				
8DYUB2	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
8DZHY8	Investigator® 24plex					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
8GTPZ3	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	NA
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	NA	6,9	9,12
	17,18	11	NA	NA	NA	
8H9ZYV	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
8KBGX6	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
8N9NA8	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

8P4Z34	PowerPlex® Fusion 6C Direct					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
8PUYN9	Investigator® 24plex (STRMix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
8R989W	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
8RGHP7	Investigator® 24plex QS (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
8WPE3A	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
8Y3GCZ	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
8Z6CNV	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

9444FT	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
949F24	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
962EAB	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
99X8YY	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	NA
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	NA	6,9	9,12
	17,18	11	NA	NA	NA	
9CKJFH	PowerPlex® F6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
9FQ67V	GlobalFiler™ (STRmix v2.5)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
9KQQFP	PowerPlex® Fusion 5C, GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	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

9L3CER	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
9MUD36	PowerPlex® Fusion 6C Direct					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
9NKG7Q	PowerPlex® 21					
	16,3,17,3	22,25		15,17	12,13	12,13
2	9,10	10,14		17,3,21	12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18					
9TMG3L	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
9UVTKM	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
9WDF6Q	GlobalFiler™ Express					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
9WF3L6	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

9WURMW	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
9YL77L	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
9YNDH9	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
9YUV2A	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
9ZADZA	Investigator® 24plex					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
A4WKMM	PowerPlex® Fusion, GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11			2	
AANR6V	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

Item 2 - STR Results

ABB2TY	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
ABZ263	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
AC6RWR	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
AD3T66	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
AEADLD	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
AF44RR	PowerPlex® Fusion					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	11				
AFQCEZ	PowerPlex® Fusion					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	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

AGJT94	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
ALUFTF	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
AM6BF8	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
ANUT9R	GlobalFiler™ Express					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
AUZ89A	Investigator® 24plex QS, MiniFiler (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
AWL7B7	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16	-	
AWZPV4	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

B3T3JD	Investigator® 24plex					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
B8DZWE	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
B8MRAK	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
B9FUNK	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
BA6874	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
BDGCLJ	PowerPlex® Fusion					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
BEQVDN	PowerPlex® 24					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	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

BFBQLV	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	11				
BFDKD3	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
BFMPAD	PowerPlex® Fusion					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	11				
BGFMHJ	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
BGGUT8	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
BGTW32	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
BKTUKE	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

Item 2 - STR Results

BLADX6	Identifiler® Plus, PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
BMYDP2	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
BPGXWP	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
BU3N9Z	PowerPlex® Fusion Direct					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
BUV7PV	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	11				
BUWZNV	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
BVWECU	Identifiler® Plus					
		22,25		15,17	12,13	
2	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	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

BWG369	Investigator® 24plex GO!					
	16,3,17,3	22,25	11,3,14	15,17	12,13	N/A
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	N/A	N/A	16,36	6,9	9,12
	17,18	11	N/A	N/A	N/A	
BXBQH3	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
BXVK4X	PowerPlex® 5C,6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
C2KYUL	PowerPlex® Fusion 6C, GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	{9,12}
	17,18	11	21	16	2	
C3QDB2	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
C3UZQU	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
C4GTCW	Investigator® 24plex QS					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

C6EUKA	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
CDWXJ	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
CE88VT	PowerPlex® PP21					
	16,3,17,3	22,25		15,17	12,13	2
2	9,10	10,14		17,3,21	12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20	13	10,11	12,13	6,9	9,12
	17,18					
CEAKAU	Identifiler® Direct					
		22,25		15,17	12,13	
2	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
CFE6NV	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
CFYB8P	Investigator® 24plex QS					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
CGY8UP	Identifiler®					
		22,25		15,17	12,13	
2	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	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

CNAM78	GlobalFiler™ Express					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
CNXF7N	PowerPlex® Fusion					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
CP2LK7	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
CPTXM	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
CQVCQK	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
CREFTV	Identifiler® Direct					
		22,25		15,17	12,13	
2	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
CV6P8J	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

D23XHN	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
D63X2U	Identifiler® Direct					
	-	22,25	-	15,17	12,13	-
2	9,10	10,14	-	-	12	11,13
	16,19	14,14.2	29,31	-	X,Y	10,11
	20	-	-	-	6,9	9,12
	17,18	-	-	-	-	
D7BBAW	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
DAXMNT	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	11				
DBU8BR	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
DEE2KY	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
DEHL9U	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

DJAX37	GlobalFiler™ Express					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
DJCKGX	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
DJZCY3	PowerPlex®					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
DKVWL2	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
DKWDD7	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
DLGVU2	GlobalFiler™ Express					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
DMGEVN	PowerPlex® 21 (STRMix)					
	16,3,17,3	22,25		15,17	12,13	12,13
2	9,10	10,14		17,3,21	12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	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

DPA82Q	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
DR36NP	Investigator® 24plex					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
DTZGGE	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
DU48H8	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
DUHTR9	Identifiler® Plus					
		22,25		15,17	12,13	
2	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
DW9R8T	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
DXDKQ8	GlobalFiler™ Express					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

DZJ3P4	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
E647RK	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
E7K3JK	GlobalFiler™ Express					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
E8JTXH	PowerPlex® Fusion, GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11			2	
E9UQAE	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
EABPMC	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
EBV92C	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

ECG4GX	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
EEFHPW	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	20,21	16		
EFYHKX	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
EGN48Q	GlobalFiler™ (STRmix v2.5)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
EGU7YM	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
EHFQT8	GlobalFiler™ Express					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
EN9UXV	PowerPlex® Fusion 6C, GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16	2	

TABLE 2

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

Item 2 - STR Results

EUAA7R	GlobalFiler™					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13,13	17,3,21	12,12
		16,19	14,14.2	29,31	11,15	X,Y
		20,20			16,36	6,9
		17,18	11			2
EV9C9Z	GlobalFiler™					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13,13	17,3,21	12,12
		16,19	14,14.2	29,31	11,15	X,Y
		20,20			16,36	6,9
		17,18	11			2
F2BM2C	PowerPlex® Fusion 6C					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13,13	17,3,21	12,12
		16,19	14,14.2	29,31	11,15	X,Y
		20,20	13,13	10,11	16,36	6,9
		17,18	11	21	16	
F3V843	Investigator® 24plex					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13	17,3,21	12
		16,19	14,14.2	29,31	11,15	X,Y
		20			16,36	6,9
		17,18	11			9,12
F7EDLY	GlobalFiler™					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13	17,3,21	12
		16,19	14,14.2	29,31	11,15	X,Y
		20			16,36	6,9
		17,18	11			2
F7VKXA	GlobalFiler™					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13	17,3,21	12
		16,19	14,14.2	29,31	11,15	X,Y
		20			16,36	6,9
		17,18	11			2
F9J28H	GlobalFiler™					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13	17,3,21	12
		16,19	14,14.2	29,31	11,15	X,Y
		20			16,36	6,9
		17,18	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

F9YBPV	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
FAVMTB	PowerPlex® Fusion F6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
FE44TY	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
FF4F8M	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
FK4T2Q	PowerPlex® Fusion, GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11			2	
FKY8KQ	Identifiler® Plus (STRmix)					
		22,25		15,17	12,13	
2	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
FLY7TP	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

FM8XN7	GlobalFiler™					
	16,3,17.3	22,25	11.3,14	15,17	12,13	-
2	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	-	-	16,36	6,9	9,12
	17,18	11	-	-	2	
FMHWDV	Investigator® 24plex					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
FNR2QJ	Investigator® 24plex (STRmix)					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
FP6H4W	GlobalFiler™					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
FPKTNX	Identifiler®					
		22,25		15,17	12,13	
2	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
FRGCX7	GlobalFiler™					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
FTB33K	PowerPlex® F6C					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

Item 2 - STR Results

FU2499	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
FVZ2PW	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	11				
FW7RBP	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
FZQ78J	PowerPlex® 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
G2ENHW	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
G4RPQX	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
G4YMLT	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

G4Z999	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	n/a
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	n/a	n/a	16,36	6,9	9,12
	17,18	11	n/a	n/a	2	
GCDE7R	Investigator® 24plex QS					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
GF3GJR	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
GK43GT	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
GKNNMQ	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
GNHZA6	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
GNRCBV	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

GPK8TV	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
GQFNCL	GlobalFiler™ Express (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
GQHDFJ	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
GTPQ4C	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
GUL4PJ	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
GUMLTD	PowerPlex® Fusion					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
GV2N4R	Identifiler® Direct					
		22,25		15,17	12,13	
2	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	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

GX9BDQ	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	NA
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	NA	6,9	9,12
	17,18	11	NA	NA	NA	
GXAYZV	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
GXKGJM	PowerPlex® PP16					
				15,17	12,13	
2	9,10	10,14			12,12	11,13
	16,19		29,31		X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18					
GXN4XE	PowerPlex® Fusion 5C,6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
GYTPHF	PowerPlex® F6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
H2M2FZ	Investigator® 24plex					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
H4JEGR	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

H6Y6VH	PowerPlex® 21					
	16,3,17,3	22,25		15,17	12,13	12,13
2	9,10	10,14		17,3,21	12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18					
H7R34P	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
H7TQQU	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
H83ZEL	Identifiler® Plus, MiniFiler					
		22,25		15,17	12,13	
2	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
H9KBUY	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
HCNN9W	PowerPlex® Fusion6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
HE3XTB	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

HEME9D	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
HJWH2	GlobalFiler™ Express					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
HKRHWQ	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
HLK8JT	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
HNEDY4	GlobalFiler™ Express					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
HPX7GD	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
HU6P86	Identifiler® Plus					
		22,25		15,17	12,13	
2	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	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

HUCUYN	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
HUG9RG	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
HVXNEC	PowerPlex® Fusion					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
HWWPMN	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
HY6XTT	GlobalFiler™ (STRMix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
HYYR9J	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
HZXWZY	Investigator® 24plex (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

J3R9XH	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	11				
J4Y72V	Investigator® 24plex GO! (TrueAllele)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18					
J8LH3L	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
J8NWD6	PowerPlex® Fusion					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	11				
JCGB9L	Identifiler® Plus					
		22,25		15,17	12,13	
2	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
JD2ECY	PowerPlex® Fusion 6 C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
JE6BJG	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

JJ7A3L	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	11				
JKHZCQ	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
JL4CPV	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
JN6Y3E	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
JQDQXW	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
JRGHR3	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
JRJ3P4	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

JUW7LM	Identifiler® Plus					
		22,25		15,17	12,13	
2	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
JY4B6M	Investigator® 24plex					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
JY4C4U	PowerPlex® Fusion 6C (STRMix)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
JZCMK4	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
JZDBAU	GlobalFiler™ (STRmix)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
JZNRTV	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
JZZPP2	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

K37YHM	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	NA
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	NA	6,9	9,12
	17,18	11	NA	NA	NA	
K3RK3Q	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
K7HGD7	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
K9KEPR	Investigator® 24plex					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
K9ZRYW	PowerPlex® Fusion					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
KAW4YW	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
KBZZRM	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

KC4J9M	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
KEVNVV	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
KFBRWZ	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
KGTXYP	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
KHK8JQ	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
KJ8F72	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
KKEVBE	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

Item 2 - STR Results

KKT37	GlobalFiler™						
		16,3,17.3	22,25	11.3,14	15,17	12,13	
	2	9,10	10,14	13,13	17.3,21	12,12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20,20			16,36	6,9	9,12
		17,18	11			2	
KLPQD	PowerPlex® Fusion6C, GlobalFiler™, Investigator® 24plex QS						
		16,3,17.3	22,25	11.3,14	15,17	12,13	NT
	2	9,10	10,14	13,13	17.3,21	12,12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20,20	13,13	10,11	16,36	{6,9}	9,12
		17,18	11	21	16	2	
KM9H7Q	PowerPlex® Fusion 6C (STRmix)						
		16,3,17.3	22,25	11.3,14	15,17	12,13	
	2	9,10	10,14	13	17.3,21	12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20	13	10,11	16,36	6,9	9,12
		17,18	11	21	16		
KMX6UJ	GlobalFiler™						
		16,3,17.3	22,25	11.3,14	15,17	12,13	
	2	9,10	10,14	13,13	17.3,21	12,12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20,20			16,36	6,9	9,12
		17,18	11			2	
KPJRPT	Identifiler® Plus, MiniFiler						
			22,25		15,17	12,13	
	2	9,10	10,14			12	11,13
		16,19	14,14.2	29,31		X,Y	10,11
		20				6,9	9,12
		17,18					
KQLG6B	PowerPlex® Fusion 6C						
		16,3,17.3	22,25	11.3,14	15,17	12,13	
	2	9,10	10,14	13	17.3,21	12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20	13	10,11	16,36	6,9	9,12
		17,18	11	21	16		
KQTYFF	PowerPlex® Fusion 6C						
		16,3,17.3	22,25	11.3,14	15,17	12,13	
	2	9,10	10,14	13	17.3,21	12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20	13	10,11	16,36	6,9	9,12
		17,18	11	21	16		

TABLE 2

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

Item 2 - STR Results

KTF4YU	GlobalFiler™					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13	17,3,21	12
		16,19	14,14.2	29,31	11,15	X,Y
		20			16,36	6,9
	17,18	11			2	
KTKNEM	Identifiler® Direct					
			22,25		15,17	12,13
	2	9,10	10,14			12
		16,19	14,14.2	29,31		X,Y
		20				6,9
	17,18					
KUFCVX	GlobalFiler™					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13	17,3,21	12
		16,19	14,14.2	29,31	11,15	X,Y
		20			16,36	6,9
	17,18	11			2	
KUUGTG	Identifiler®					
			22,25		15,17	12,13
	2	9,10	10,14			12
		16,19	14,14.2	29,31		X,Y
		20				6,9
	17,18					
KVM7FH	Identifiler® Plus, NGM					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13	17,3,21	12
		16,19	14,14.2	29,31	11,15	X,Y
		20				6,9
	17,18					
KVY2DH	Investigator® 24plex (STRmix)					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13,13	17,3,21	12,12
		16,19	14,14.2	29,31	11,15	X,Y
		20,20			16,36	6,9
	17,18	11				
KWBP3Q	GlobalFiler™					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13	17,3,21	12
		16,19	14,14.2	29,31	11,15	X,Y
		20			16,36	6,9
	17,18	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

KWUCBD	GlobalFiler™ (STRmix)						
		16.3,17.3	22,25	11.3,14	15,17	12,13	
	2	9,10	10,14	13,13	17.3,21	12,12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20,20			16,36	6,9	9,12
	17,18	11			2		
L22LXT	GlobalFiler™ (STRmix)						
		16.3,17.3	22,25	11.3,14	15,17	12,13	
	2	9,10	10,14	13	17.3,21	12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20			16,36	6,9	9,12
	17,18	11			2		
L386MN	GlobalFiler™						
		16.3,17.3	22,25	11.3,14	15,17	12,13	
	2	9,10	10,14	13	17.3,21	12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20			16,36	6,9	9,12
	17,18	11			2		
L64ARP	PowerPlex® Fusion 6C						
		16.3,17.3	22,25	11.3,14	15,17	12,13	
	2	9,10	10,14	13	17.3,21	12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16			
L736GP	Identifiler® Plus						
			22,25		15,17	12,13	
	2	9,10	10,14			12	11,13
		16,19	14,14.2	29,31		X,Y	10,11
		20				6,9	9,12
	17,18						
L97TMG	PowerPlex® 21						
		16.3,17.3	22,25		15,17	12,13	12,13
	2	9,10	10,14		17.3,21	12,12	11,13
		16,19	14,14.2	29,31		X,Y	10,11
		20,20	13,13	10,11		6,9	9,12
	17,18						
L9YFPY	PowerPlex® Fusion 6C						
		16.3,17.3	22,25	11.3,14	15,17	12,13	
	2	9,10	10,14	13,13	17.3,21	12,12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16			



TABLE 2

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

Item 2 - STR Results

LAQC6T	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
LAZHAH	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
LDDY6M	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
LLRBBE	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
LMLBK7	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
LRH3QG	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	11				
LULF6F	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

Item 2 - STR Results

LVKGDR	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
LW3AV2	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	11				
LWNPB4	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
LWULQG	PowerPlex® Fusion Direct					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
LY7KHX	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
LYGQFK	PowerPlex® Fusion 6C, GlobalFiler™, Investigator® 24plex QS					
	16,3,17,3	22,25	11,3,14	15,17	12,13	Not Tested
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16	2	
LYRMCX	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

LYRMEJ	PowerPlex® F6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
M2B2FY	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
M6FKL8	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
M7L9L6	PowerPlex® Fusion (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
M8PKVM	PowerPlex® Fusion 6C, Investigator® 24plex QS					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
M8QWVG	PowerPlex® Esx 16 Fast					
	16,3,17,3	22,25	11,3,14	15,17		
2		10,14	13	17,3,21		11,13
	16,19	14,14.2	29,31	11,15	X,Y	
	20				6,9	
	17,18					
M9CDBV	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

## Item 2 - STR Results

MA47GM	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
MA8R82	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
MBNBH8	PowerPlex® 21					
	16,3,17,3	22,25		15,17	12,13	12,13
2	9,10	10,14		17,3,21	12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18					
MDG88Z	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
MDJFAY	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	-
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	-	-	16,36	6,9	9,12
	17,18	11	-	-	2	
ME9YNK	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
MEF98N	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

MFCMXN	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
MGCJMR	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
MH4RGM	Investigator® 24plex					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
MHMJPE	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
MHZ3GW	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
MKPD8P	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	14
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
MLAZEC	GlobalFiler™ Express					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

MMQF27	PowerPlex® Fusion (STRMix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
MMT6JB	PowerPlex® Fusion6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
MQPUNW	Investigator® 24plex GO!					
	16,3,17,3	22,25	11,3,14	15,17	12,13	n/a
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	n/a	n/a	16,36	6,9	9,12
	17,18	11	n/a	n/a	n/a	
MQU7CT	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
MR2N93	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
MU7VDV	PowerPlex® 17 FAST,Fusion, 21, NGM Detect, PanGlobal					
	16,3,17,3	22,25	11,3,14	15,17	12,13	12,13
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16	2	
MUL9PN	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	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

MURMNM	Identifiler® Direct					
	-	22,25		15,17	12,13	
2	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
MW3TZF	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
MXDBHZ	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
MYAW2K	PowerPlex® Fusion 6C					
	16.3,17.3	22,25	11.3,14	15,17	12,13	not tested
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16	not tested	
MZLMDA	GlobalFiler™ (STRmix)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
N3DUKC	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
N3VW3L	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

N4GPPP	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
NBP96T	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
NCXPHL	PowerPlex® F6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
NHEXDN	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
NJWXJY	Investigator® 24plex					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
NP3HWX	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
NP684F	PowerPlex® Fusion6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		



TABLE 2

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

Item 2 - STR Results

NPHTGW	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
NPUPBF	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
NPYVFK	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
NR9ZVU	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
NRR8EB	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
NTTHBK	Identifiler® Plus					
		22,25		15,17	12,13	
2	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
NUKZKD	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

NXXKYA	GlobalFiler™						
		16,3,17.3	22,25	11.3,14	15,17	12,13	
	2	9,10	10,14	13,13	17.3,21	12,12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20,20			16,36	6,9	9,12
		17,18	11			2	
NYVL8M	GlobalFiler™						
		16,3,17.3	22,25	11.3,14	15,17	12,13	
	2	9,10	10,14	13,13	17.3,21	12,12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20,20			16,36	6,9	9,12
		17,18	11			2	
NZUHJ7	GlobalFiler™						
		16,3,17.3	22,25	11.3,14	15,17	12,13	
	2	9,10	10,14	13,13	17.3,21	12,12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20,20			16,36	6,9	9,12
		17,18	11			2	
P34PWK	PowerPlex® Fusion 6C						
		16,3,17.3	22,25	11.3,14	15,17	12,13	
	2	9,10	10,14	13	17.3,21	12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20	13	10,11	16,36	6,9	9,12
		17,18	11	21	16		
P3AMVP	GlobalFiler™						
		16,3,17.3	22,25	11.3,14	15,17	12,13	N/T
	2	9,10	10,14	13,13	17.3,21	12,12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20,20	N/T	N/T	16,36	6,9	9,12
		17,18	11	N/T	N/T	2	
P4QBJF	PowerPlex® F6C						
		16,3,17.3	22,25	11.3,14	15,17	12,13	
	2	9,10	10,14	13	17.3,21	12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20	13	10,11	16,36	6,9	9,12
		17,18	11	21	16		
P6C7HH	GlobalFiler™						
		16,3,17.3	22,25	11.3,14	15,17	12,13	
	2	9,10	10,14	13,13	17.3,21	12,12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20,20			16,36	6,9	9,12
		17,18	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

P748HE	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
P999DX	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
P9BYJM	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
P9R6RJ	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
PADY6L	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
PFKCF	Investigator® 24plex (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
PGF9CD	PowerPlex® Fusion6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	NR
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16	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 2 - STR Results

PGP7EC	PowerPlex® 21					
	16,3,17,3	22,25		15,17	12,13	12,13
2	9,10	10,14		17,3,21	12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18					
PHDGUQ	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
PMCHBM	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
PNLPDF	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
PQ7TNR	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
PR26WD	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
PRMVRL	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

PT9RQJ	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	NA
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	NA	6,9	9,12
	17,18	11	NA	NA	NA	
PVL7NL	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
PWH726	PowerPlex® F6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
PX9JTH	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
PXZXHT	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	-
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16	-	
PYAERE	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	11				
PZKY2V	GlobalFiler™ Express					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

Q9LEWK	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
QA3E9P	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
QAF3BA	Investigator® 24plex (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
QC4MBE	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
QC7AP8	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
QCN4T3	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
QDN4YF	PowerPlex® Fusion6C, GlobalFiler™, Investigator® 24plex QS					
	16,3,17,3	22,25	11,3,14	15,17	12,13	NT
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16	2	

TABLE 2

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

Item 2 - STR Results

QER4KM	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
QFNXGC	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
QFPZKH	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
QFV3CE	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
QGDVA4	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
QGMYP	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
QH6UHA	PowerPlex® Fusion 5C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				

TABLE 2

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

Item 2 - STR Results

QLE8RA	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
QLGVEF	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
QMGT3F	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	11				
QN83MG	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
QQ8MMR	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
QXWUBU	Identifiler® Plus, MiniFiler					
		22,25		15,17	12,13	
2	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
QYWCK	Investigator® 24plex, MiniFiler					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

R66DJF	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
R7DFLE	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
RE7QGF	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	11				
RFE99J	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
RGBAMN	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
RH2KAA	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
RK6YFA	Identifiler®					
		22,25		15,17	12,13	
2	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	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

RK7C2N	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
RK7EP8	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
RP6EGP	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16	-	
RQ722G	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
RQ7RGC	PowerPlex® Fusion 6C Direct					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
RQVP4B	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
RT9AFL	Investigator® 24plex GO!					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

RTCWUE	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
RVN2U2	PowerPlex® Fusion					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
RWJELZ	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
T6QFDE	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	NA
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	NA	6,9	9,12
	17,18	11	NA	NA	NA	
TA4EP8	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
TCQXTQ	Identifiler® Plus, MiniFiler					
		22,25		15,17	12,13	
2	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
TCVCER	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

Item 2 - STR Results

TE4B6U	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
TFZQF7	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
TM673E	Investigator® 24plex QS					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
TMEQHU	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
TN44XR	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
TP7CGK	PowerPlex® 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
TP9F2H	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	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

TPLW94	Investigator® 24plex GO!					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13	17,3,21	11,13
		16,19	14,14.2	29,31	11,15	X,Y
		20			16,36	6,9
	17,18	11				
TQWYU3	GlobalFiler™					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13	17,3,21	11,13
		16,19	14,14.2	29,31	11,15	X,Y
		20			16,36	6,9
	17,18	11			2	
TRWWBP	PowerPlex® Fusion 6C					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13	17,3,21	11,13
		16,19	14,14.2	29,31	11,15	X,Y
		20	13	10,11	16,36	6,9
	17,18	11	21	16		
TVFGHH	PowerPlex® Fusion 5C					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13	17,3,21	11,13
		16,19	14,14.2	29,31	11,15	X,Y
		20	13	10,11	NA	6,9
	17,18	11	NA	NA	NA	
TX87BB	GlobalFiler™					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13	17,3,21	11,13
		16,19	14,14.2	29,31	11,15	X,Y
		20			16,36	6,9
	17,18	11			2	
TXBVDM	PowerPlex® Fusion					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13	17,3,21	11,13
		16,19	14,14.2	29,31	11,15	X,Y
		20	13	10,11		6,9
	17,18	INC				
U2GJ37	GlobalFiler™					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13,13	17,3,21	11,13
		16,19	14,14.2	29,31	11,15	X,Y
		20,20			16,36	6,9
	17,18	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

U3KE4T	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
U3VFRM	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	11				
U6YA96	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
U6ZYMC	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
UBKM3A	GlobalFiler™ Express					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
UCCT8Y	PowerPlex® F6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
UCUKFQ	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

UCX8UJ	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
UD24YR	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
UFDXZE	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
UFUL9D	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
UGJCWR	Identifiler® Plus					
		22,25		15,17	12,13	
2	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
UGTURD	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
UHQ8DL	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

UN3M7L	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
UPUP4M	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
UQA4EH	Investigator® 24plex QS					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
UQNF4B	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	11				
UTLD96	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
UVQ6ZP	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
UVXH9Q	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

UYXC9	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	NA
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	NA	6,9	9,12
	17,18	11	NA	NA	NA	
V2VALA	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
V4QF9Y	Identifiler® Plus					
		22,25		15,17	12,13	
2	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
V98F7R	Investigator® 24plex (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
VFEWR2	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
VFZVBX	PowerPlex® Fusion					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
VG3D2A	GlobalFiler™ Express (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

VHYQLG	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
VJ3R3D	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
VJB7T9	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
VMBEWH	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	NA
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	NA	NA	16,36	6,9	9,12
	17,18	11	NA	NA	2	
VPEMBN	GlobalFiler™ Express					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
VQCZUA	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
VT3XJR	PowerPlex® Fusion 5C, 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

Item 2 - STR Results

WWFVMF	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
VX8UW8	Investigator® 24plex					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
VXLKGC	PowerPlex® F6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
VY2KY9	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	11				
VY69GL	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
VY7L2E	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
W36TP4	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

W39JHK	PowerPlex® Fusion (STRMix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	INC				
W4GWRN	GlobalFiler™ Express					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
W6YUAD	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
WA2FVH	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
WAXZCN	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
WFA2UY	PowerPlex® Fusion 6C, GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16	2	
WH7RGC	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

WJV7N9	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
WLK9UW	GlobalFiler™ Express (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
WMFTJG	Identifiler® Plus, MiniFiler					
		22,25		15,17	12,13	
2	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
WMTPL2	PowerPlex® Fusion, GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11			2	
WPC8J9	GlobalFiler™ (STRMIX)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
WQVLBV	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
WUH6EE	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

WUUW8V	PowerPlex® Fusion6C, GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
WVDJ7D	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
WWV8N6	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
WX3ZAJ	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
WZF8BV	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
WZGKVN	GlobalFiler™ Express					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
X6RJZ8	Identifiler® Plus					
		22,25		15,17	12,13	
2	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	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

X7LNPE	Identifiler® Plus					
		22,25		15,17	12,13	
2	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
X8XFCH	PowerPlex® Fusion 6C (STRMix)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
X98PZ9	Identifiler® Plus					
		22,25		15,17	12,13	
2	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
XACW62	PowerPlex® Fusion 6C (STRMix)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
XAFGVP	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
XBY6RB	Identifiler® Plus					
		22,25		15,17	12,13	
2	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
XC7HZD	PowerPlex® Fusion 6C					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

Item 2 - STR Results

XDZ97R	GlobalFiler™						
		16,3,17,3	22,25	11,3,14	15,17	12,13	
	2	9,10	10,14	13	17,3,21	12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20			16,36	6,9	9,12
		17,18	11			2	
XEABZC	PowerPlex® Fusion 5C, Fusion 6C						
		16,3,17,3	22,25	11,3,14	15,17	12,13	
	2	9,10	10,14	13	17,3,21	12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20	13	10,11	16,36	6,9	9,12
		17,18	11	21	16		
XF38FZ	GlobalFiler™						
		16,3,17,3	22,25	11,3,14	15,17	12,13	
	2	9,10	10,14	13,13	17,3,21	12,12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20,20			16,36	6,9	9,12
		17,18	11			2	
XHPQGX	GlobalFiler™						
		16,3,17,3	22,25	11,3,14	15,17	12,13	
	2	9,10	10,14	13	17,3,21	12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20			16,36	6,9	9,12
		17,18	11			2	
XM4FTD	PowerPlex® Fusion 6C						
		16,3,17,3	22,25	11,3,14	15,17	12,13	
	2	9,10	10,14	13	17,3,21	12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20	13	10,11	16,36	6,9	9,12
		17,18	11	21	16		
XNKZZZ	GlobalFiler™						
		16,3,17,3	22,25	11,3,14	15,17	12,13	
	2	9,10	10,14	13,13	17,3,21	12,12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20,20			16,36	6,9	9,12
		17,18	11			2	
XNLTNP	GlobalFiler™ (STRmix)						
		16,3,17,3	22,25	11,3,14	15,17	12,13	
	2	9,10	10,14	13	17,3,21	12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20			16,36	6,9	9,12
		17,18	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

XNQ2F9	PowerPlex® Fusion6C					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13	17,3,21	11,13
		16,19	14,14.2	29,31	11,15	X,Y
		20	13	10,11	16,36	6,9
	17,18	11	21	16		
XNTWVZ	GlobalFiler™ Express					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13	17,3,21	11,13
		16,19	14,14.2	29,31	11,15	X,Y
		20			16,36	6,9
	17,18	11			2	
XPRX4D	PowerPlex® Fusion 6C					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13	17,3,21	11,13
		16,19	14,14.2	29,31	11,15	X,Y
		20	13	10,11	16,36	6,9
	17,18	11	21	16		
XQDPR9	PowerPlex® Fusion 5C					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13,13	17,3,21	11,13
		16,19	14,14.2	29,31	11,15	X,Y
		20,20	13,13	10,11		6,9
	17,18	11				
XQKNAR	GlobalFiler™					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13	17,3,21	11,13
		16,19	14,14.2	29,31	11,15	X,Y
		20			16,36	6,9
	17,18	11			2	
XT7FDG	GlobalFiler™					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	2	9,10	10,14	13	17,3,21	11,13
		16,19	14,14.2	29,31	11,15	X,Y
		20			16,36	6,9
	17,18	11			2	
XTGPFM	Identifiler® Plus, MiniFiler					
			22,25		15,17	12,13
	2	9,10	10,14			11,13
		16,19	14,14.2	29,31		X,Y
		20				6,9
	17,18				9,12	

TABLE 2

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

XWGGE7	Identifiler® Plus					
		22,25		15,17	12,13	
2	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
XY4UFW	PowerPlex® Fusion 6C, Fusion 5C					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
XZYE9N	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
Y2NMT7	Identifiler® Plus					
		22,25		15,17	12,13	
2	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
Y3QHJF	Investigator® 24plex					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
Y7ACL8	Investigator® 24plex (STRmix)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
Y7BZAD	GlobalFiler™ (STRmix)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

Y7L66N	Identifiler® Plus					
		22,25		15,17	12,13	
2	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
Y88NEW	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
Y8E4DV	PowerPlex® Fusion					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
Y8MZ4L	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
Y92AA9	PowerPlex® Fusion 6C					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
Y9PZNR	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
YA4BUB	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

YAD6VZ	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
YBCKRA	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
YCLRHX	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
YD9XRA	GlobalFiler™, MiniFiler (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
YE9V2C	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
YEEFG6	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
YEJT3F	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	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

YJA6XC	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
YKHH8F	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
YKTX9L	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
YMJZE3	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
YNKD69	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
YNPQXB	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	-
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16	-	
YNYQK6	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

YP2E9A	Identifiler® Direct					
	-	22,25	-	15,17	12,13	-
2	9,10	10,14	-	-	12	11,13
	16,19	14,14.2	29,31	-	X,Y	10,11
	20	-	-	-	6,9	9,12
	17,18	-	-	-	-	-
YTQYWZ	GlobalFiler™ (STRmix)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
YU2RV9	Investigator® 24plex QS					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
YWZYNC	GlobalFiler™ (STRmix)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
Z2LECH	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
2	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
Z3E8Y3	PowerPlex® 21					
	16.3,17.3	22,25		15,17	12,13	12,13
2	9,10	10,14		17.3,21	12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18					
Z3ENC7	AmpFISTR NGM					
	16.3,17.3	22,25	11.3,14	15,17		
2		10,14	13,13	17.3,21		11,13
	16,19	14,14.2	29,31	11,15	X,Y	
	20,20				6,9	
	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

Z3F2Q7	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
Z8K3EW	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
ZAFJ6J	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
ZBDKMM	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
ZFXEUW	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
ZGWEAM	PowerPlex® Fusion 6C, Investigator® 24plex					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
ZKYCKF	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

ZLJFMT	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
ZM2Y7W	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
ZMBPK3	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
ZPEC48	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
ZPRZCK	Identifiler® Plus					
		22,25		15,17	12,13	
2	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
ZQNHAf	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
ZQW3U7	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		



TABLE 2

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

Item 2 - STR Results

ZTZKJ8	PowerPlex® Fusion 6C					
	16,3,17.3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
ZVQMPV	GlobalFiler™ (STRmix)					
	16,3,17.3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
ZWLR74	GlobalFiler™					
	16,3,17.3	22,25	11,3,14	15,17	12,13	
2	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

22QRXJ	Investigator® 24plex QS (STRMix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
23ZWC8	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
248DAC	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	11				
24RZKF	Identifiler®, Investigator® 24plex QS					
	16,3,17,3	22,25	11,3,14	15,17	12,13	N/A
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	N/A	N/A	16,36	6,9	9,12
	17,18	11	N/A	N/A	N/A	
2844ZY	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
28RCGF	Identifiler®, Investigator® 24plex QS					
	16,3,17,3	22,25	11,3,14	15,17	12,13	N/A
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	N/A	N/A	16,36	6,9	9,12
	17,18	11	N/A	N/A	N/A	
29CVVF	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

Item 3 - STR Results

29Y722	Investigator® 24plex					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
2FELC6	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
2FEZR6	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
2FHVYU	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
2FYNGD	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
2L2QCF	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
2MFM2W	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

2MQ96Z	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	11				
2N3UQT	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
2P8P2J	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
2PKUZC	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
2QZB9A	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
2TBCQG	PowerPlex® Fusion (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
2TEQJC	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

2UBM67	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
2UVW7G	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
2Y4HHQ	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
2YBZY9	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	NA
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	NA	NA	16,36	6,9	9,12
	17,18	11	NA	NA	2	
2YCNDP	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
342HQ8	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	10,11	21	16		
36QHLC	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

3846EA	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
38ANPD	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
3AJMB8	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
3ATUWM	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
3C873Y	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
3FYL87	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
3GDUML	PowerPlex® F6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

Item 3 - STR Results

3HYWNF	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
3LHBL3	PowerPlex® 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
3MHPE9	GlobalFiler™ (STRmix V2.5.11)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
3P8YGM	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
3T2GKV	PowerPlex® Fusion 6C, GlobalFiler™					
	16,3,17,3	22,25	{11,3,14}	15,17	12,13	Not Tested
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	{17,18}	11	21	16	2	
3VCU9A	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
3W7HMX	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

3WUTTE	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
47J3B2	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
48BMWU	GlobalFiler™ (STRMIX)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
493R3K	PowerPlex® F6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
49CX4M	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
49NFPY	NGM SElect Express (GeneMapper ID-X)					
	16,3,17,3	22,25	11,3,14	15,17		
3		10,14	13	17,3,21		11,13
	16,19	14,14.2	29,31	11,15	X,Y	
	20			16,36	6,9	
	17,18					
4AT3TD	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16	-	



TABLE 2

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

Item 3 - STR Results

4BYG87	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
4E38G7	PowerPlex® ESI16, In-house					
	16,3,17,3	22,25	11,3,14	15,17		
3		10,14	13	17,3,21		11,13
	16,19	14,14.2	29,31	11,15	X,Y	
	20				6,[9]	
	17,18					
4E64XH	PowerPlex® Fusion 6C (STRMix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
4GTHFZ	PowerPlex® Fusion6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
4HQMEA	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
4J7CTZ	Identifiler® Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
4J7VR2	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

Item 3 - STR Results

4K8B3Y	Investigator® 24plex (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
4L6JL4	GlobalFiler™, MiniFiler (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
4LDURW	PowerPlex® 21 (STRmix)					
	16,3,17,3	22,25		15,17	12,13	12,13
3	9,10	10,14		17,3,21	12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18					
4M8FM9	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	10,11	20,21	15,16		
4RDT88	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
4T8JBZ	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
4TA7QT	GlobalFiler™ (ArmedXpert)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

4TYM83	Investigator® 24plex QS					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
4U8YKX	PowerPlex® 21					
	16,3,17,3	22,25		15,17	12,13	12,13
3	9,10	10,14		17,3,21	12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18					
4UQ2RQ	PowerPlex® Fusion 6C, Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
4VNX8T	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
4VZN8Y	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	10,11	21	16		
4WKBYR	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
4Y8V2B	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

4ZREGB	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
4ZU2V4	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
688ZUR	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
6AZVPY	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
6DAAXY	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	NA
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	NA	NA	16,36	6,9	9,12
	17,18	11	NA	NA	2	
6DBKKP	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
6DJQRR	PowerPlex® Fusion (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	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 3 - STR Results

6EVYPD	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
6GYV33	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
6HVZHZ	PowerPlex® Fusion 5C, GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11			2	
6LZ494	Investigator® 24plex (STRMix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
6N7NXP	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
6NTABF	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
6PACEA	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

6RAJHR	PowerPlex® F6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
6RXTNH	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
6TE9NG	Identifiler® Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
6X8EZX	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
6YGYTM	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	11				
6YVGL9	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
6ZBKMD	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

73TGYB	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
74F2KE	PowerPlex® ESI 16 FAST					
	16,3,17,3	22,25	11,3,14	15,17		
3		10,14	13,13	17,3,21		11,13
	16,19	14,14.2	29,31	11,15	X,Y	
	20,20				6,9	
	17,18					
76Z8CY	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
77XUAG	PowerPlex® Fusion 5C & 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
78Q9RK	PowerPlex® Fusion (STRmix 2.4.08)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
7A7ABZ	Investigator® 24plex (STRMix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
7ANDRD	Investigator® 24plex QS (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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 3 - STR Results

7B39GY	Identifiler® Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
7CT7G7	PowerPlex® Fusion 6C (ArmedXpert)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
7D4NYP	PowerPlex® F6C					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
7D9DV3	PowerPlex® Fusion 6C (STRmix)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
7E3KDY	Identifiler® Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
7FL7HU	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
7HC8NH	PowerPlex® Fusion 5C					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,[15]	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	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 3 - STR Results

7KCK3U	PowerPlex® Fusion (STRMix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
7L6ERZ	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
7QCNEF	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
7QLW42	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
7R23WX	Investigator® 24plex (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
7T7LEF	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
7T7NXT	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

## Item 3 - STR Results

7VZ6V8	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
7WVTBW	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
7Y7T6V	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
7ZPT4X	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
7ZUCZ2	PowerPlex® F6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
82CEX3	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
82TJHN	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

833XH3	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
87CYFY	Identifiler® Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
87PANZ	PowerPlex® Fusion6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
89YHGW	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
8B294Y	GlobalFiler™ (STRmix v2.5)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
8BAGTJ	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
8BK4UY	PowerPlex® Fusion 6C, GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	Not Tested
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	{16,36}	6,9	9,12
	17,18	11	21	16	2	

TABLE 2

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

## Item 3 - STR Results

8DNR6W	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
8DPNKK	PowerPlex® Fusion					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	11				
8DYUB2	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
8DZHY8	Investigator® 24plex (STRMix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
8GTPZ3	PowerPlex® Fusion 5C, MiniFiler					
	16,3,17,3	22,25	11,3,14	15,17	12,13	NA
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	NA	6,9	9,12
	17,18	11	NA	NA	NA	
8H9ZYV	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
8KBGX6	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

8N9NA8	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
8P4Z34	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	10,11	20,21	15,16		
8PUYN9	Investigator® 24plex (STRMix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
8R989W	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
8RGHP7	Investigator® 24plex QS (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
8WPE3A	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
8Y3GCZ	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

## Item 3 - STR Results

8Z6CNV	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
9444FT	GlobalFiler™ (STRmix)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
949F24	GlobalFiler™ (STRmix)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
962EAB	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
99X8YY	PowerPlex® Fusion 5C, MiniFiler					
	16.3,17.3	22,25	11.3,14	15,17	12,13	NA
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	NA	6,9	9,12
	17,18	11	NA	NA	NA	
9CKJFH	PowerPlex® F6C					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
9FQ67V	GlobalFiler™ (STRmix v2.5)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

9KQQFP	PowerPlex® Fusion 5C, GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11			2	
9L3CER	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
9MUD36	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	10,11	20,21	15,16		
9NKG7Q	PowerPlex® 21					
	16,3,17,3	22,25		15,17	12,13	12,13
3	9,10	10,14		17,3,21	12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18					
9TMG3L	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
9UVTKM	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
9WURMW	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

## Item 3 - STR Results

9YL77L	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
9YNDH9	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
9YUV2A	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
9ZADZA	Investigator® 24plex					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
A4WKMM	PowerPlex® Fusion, GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11			2	
AANR6V	PowerPlex® 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6 ^,9	9,12
	17,18	11	21	16		
ABB2TY	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		



TABLE 2

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

## Item 3 - STR Results

ABZ263	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
AC6RWR	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
AD3T66	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
AEADLD	Identifiler®					
		22,25		15,17	12,13	
3	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
AFQCEZ	PowerPlex® Fusion, MiniFiler					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	11				
AGJT94	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
ALUFTF	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

AM6BF8	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
ANUT9R	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
AUZ89A	Investigator® 24plex QS (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
AWL7B7	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16	-	
AWZPV4	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
B3T3JD	Investigator® 24plex					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
B8DZWE	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

B8MRAK	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
B9FUNK	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
BA6874	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
BDGCLJ	PowerPlex® Fusion					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
BEQVDN	PowerPlex® 24					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	11				
BFBQLV	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	11				
BFDKD3	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

BFMPAD	PowerPlex® Fusion					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	[16],19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,[18]	11				
BGFMHJ	PowerPlex® Fusion 5C (STRMix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
BGGUT8	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
BKTUKE	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
BLADX6	Identifiler® Plus, PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
BMYDP2	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
BPGXWP	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

BU3N9Z	PowerPlex® Fusion 6C (STRMix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	10,11	21	16		
BUV7PV	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	11				
BUWZNV	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
BVWECU	Identifiler® Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
BWG369	Identifiler®, Investigator® 24plex QS					
	16,3,17,3	22,25	11,3,14	15,17	12,13	N/A
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	N/A	N/A	16,36	6,9	9,12
	17,18	11	N/A	N/A	N/A	
BXBQH3	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
BXVK4X	PowerPlex® 5C,6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

Item 3 - STR Results

C2KYUL	PowerPlex® Fusion 6C, GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	{17,18}	11	21	16	2	
C3QDB2	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
C3UZQU	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
C4GTCW	Investigator® 24plex QS (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
C6EUKA	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
CDWXJ	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
CE88VT	PowerPlex® PP21					
	16,3,17,3	22,25		15,17	12,13	12,13
3	9,10	10,14		17,3,21	12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20	13	10,11		6,9	9,12
	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 3 - STR Results

CEAKAU	Identifiler® Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
CFE6NV	Identifiler®					
		22,25		15,17	12,13	
3	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
CFYB8P	Investigator® 24plex QS (STRmix)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
CGY8UP	Identifiler®					
		22,25		15,17	12,13	
3	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
CNAM78	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
CNXF7N	PowerPlex® Fusion (STRmix)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
CP2LK7	PowerPlex® Fusion 6C (STRmix)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

Item 3 - STR Results

CPTTXM	GlobalFiler™ (STRmix)					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
CQVCQK	GlobalFiler™					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
CREFTV	Identifiler® Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
CV6P8J	GlobalFiler™					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
D23XHN	GlobalFiler™					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
D63X2U	Identifiler® Plus					
	-	22,25	-	15,17	12,13	-
3	9,10	10,14	-	-	12	11,13
	16,19	14,14.2	29,31	-	X,Y	10,11
	20	-	-	-	6,9	9,12
	17,18	-	-	-	-	
D7BBAW	PowerPlex® Fusion 6C (STRmix)					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	20,21	15,16		



TABLE 2

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

Item 3 - STR Results

DAXMNT	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	11				
DBU8BR	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
DEE2KY	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
DEHL9U	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
DJAX37	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
DJCKGX	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
DJZCY3	PowerPlex® (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	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 3 - STR Results

DKVWL2	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
DKWDD7	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
DMGEVN	PowerPlex® 21 (STRMix)					
	16,3,17,3	22,25		15,17	12,13	12,13
3	9,10	10,14		17,3,21	12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18					
DPA82Q	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
DR36NP	Investigator® 24plex (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
DTZGGE	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
DU48H8	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

DUHTR9	Identifiler® Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
DW9R8T	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
DXDKQ8	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
DZJ3P4	PowerPlex® Fusion 6C					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
E647RK	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
E7K3JK	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
E8JTXH	PowerPlex® Fusion, GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	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

E9UQAE	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
EABPMC	PowerPlex® Fusion					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	11				
EBV92C	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
ECG4GX	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
EEFHPW	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	10,11	21	15,16		
EFYHKX	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
EGN48Q	GlobalFiler™ (STRmix v2.5)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

EGU7YM	GlobalFiler™ (STRmix)					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	3	9,10	10,14	13,13	17,3,21	12,12
		16,19	14,14.2	29,31	11,15	X,Y
		20,20			16,36	6,9
		17,18	11			2
EHFQT8	GlobalFiler™					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	3	9,10	10,14	13	17,3,21	12
		16,19	14,14.2	29,31	11,15	X,Y
		20			16,36	6,9
		17,18	11			2
EN9UXV	PowerPlex® Fusion 6C, GlobalFiler™					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	3	9,10	10,14	13	17,3,21	12
		16,19	14,14.2	29,31	11,15	X,Y
		20	13	10,11	16,36	6,9
		17,18	11	21	16	2
EUAA7R	Identifiler®					
			22,25		15,17	12,13
	3	9,10	10,14			12,12
		16,19	14,14.2	29,31		X,Y
		20,20				6,9
		17,18				9,12
EV9C9Z	GlobalFiler™					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	3	9,10	10,14	13,13	17,3,21	12,12
		16,19	14,14.2	29,31	11,15	X,Y
		20,20			16,36	6,9
		17,18	11			2
F2BM2C	PowerPlex® Fusion 6C					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	3	9,10	10,14	13,13	17,3,21	12,12
		16,19	14,14.2	29,31	11,15	X,Y
		20,20	13,13	10,11	16,36	6,9
		17,18	11	21	16	
F3V843	Investigator® 24plex (STRmix)					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	3	9,10	10,14	13	17,3,21	12
		16,19	14,14.2	29,31	11,15	X,Y
		20			16,36	6,9
		17,18	11			9,12

TABLE 2

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

F7EDLY	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
F7VKXA	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
F9YBPV	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
FAVMTB	PowerPlex® Fusion F6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
FE44TY	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
FF4F8M	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
FK4T2Q	PowerPlex® Fusion, GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	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

FKY8KQ	Identifiler® Plus (STRmix)					
		22,25		15,17	12,13	
3	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
FLY7TP	GlobalFiler™ (STRmix)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
FM8XN7	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	-
3	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	-	-	16,36	6,9	9,12
	17,18	11	-	-	2	
FMHWDV	Investigator® 24plex (STRmix)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
FNR2QJ	Investigator® 24plex (STRmix)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
FP6H4W	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
FPKTNX	Identifiler®					
		22,25		15,17	12,13	
3	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	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 3 - STR Results

FRGCX7	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
FTB33K	PowerPlex® F6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
FU2499	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
FVZ2PW	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	11				
FW7RBP	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
FZQ78J	PowerPlex® 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
G2ENHW	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

G4RPQX	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
G4YMLT	GlobalFiler™ (STRmix v2.5.11)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
G4Z999	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	n/a
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	n/a	n/a	16,36	6,9	9,12
	17,18	11	n/a	n/a	2	
GCDE7R	Investigator® 24plex QS (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
GF3GJR	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
GK43GT	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
GKNNMQ	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

GNHZA6	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
GNRCBV	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
GPK8TV	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
GQFNCL	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
GQHDFJ	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
GTPQ4C	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
GUL4PJ	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

Item 3 - STR Results

GUMLTD	PowerPlex® Fusion					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
GV2N4R	Identifiler® Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
GX9BDQ	PowerPlex® Fusion 5C, MiniFiler					
	16,3,17,3	22,25	11,3,14	15,17	12,13	NA
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	NA	6,9	9,12
	17,18	11	NA	NA	NA	
GXAYZV	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
GXKGJM	PowerPlex® PP16					
				15,17	12,13	
3	9,10	10,14			12,12	11,13
	16,19		29,31		X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18					
GXN4XE	PowerPlex® Fusion 5C, 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
GYTPHF	PowerPlex® F6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

## Item 3 - STR Results

H2M2FZ	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
H4JEGR	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
H6Y6VH	PowerPlex® 21 (STRmix)					
	16,3,17,3	22,25		15,17	12,13	12,13
3	9,10	10,14		17,3,21	12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18					
H7R34P	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
H7TQQU	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	10,11	20,21	15,16		
H83ZEL	Identifiler® Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
H9KBUY	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

HCNN9W	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
HE3XTB	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
HEME9D	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
HJWH2	GlobalFiler™ Casework					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
HKRHWQ	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
HLK8JT	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
HNEDY4	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

HPX7GD	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
HU6P86	Identifiler® Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
HUCUYN	GlobalFiler™					
	16,3,17,3	22,25	11,3,14,[15**]	15,17	12,13,[14]	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
HUG9RG	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
HVXNEC	PowerPlex® Fusion					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
HWWPMN	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
HY6XTT	GlobalFiler™ (STRMix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

HYYR9J	GlobalFiler™					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	3	9,10	10,14	13	17,3,21	11,13
		16,19	14,14.2	29,31	11,15	X,Y
		20			16,36	6,9
		17,18	11			2
HZXWZY	Investigator® 24plex (STRmix)					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	3	9,10	10,14	13,13	17,3,21	11,13
		16,19	14,14.2	29,31	11,15	X,Y
		20,20			16,36	6,9
		17,18	11			9,12
J3R9XH	PowerPlex® Fusion 5C					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	3	9,10	10,14	13	17,3,21	11,13
		16,19	14,14.2	29,31	11,15	X,Y
		20	13	10,11		6,9
		17,18	11			9,12
J4Y72V	Investigator® 24plex QS (TrueAllele)					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	3	9,10	10,14	13	17,3,21	11,13
		16,19	14,14.2	29,31	11,15	X,Y
		20			16,36	6,9
		17,18				9,12
J8LH3L	PowerPlex® Fusion 6C (STRmix)					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	3	9,10	10,14	13	17,3,21	11,13
		16,19	14,14.2	29,31	11,15	X,Y
		20	13	10,11	16,36	6,9
		17,18	11	21	16	9,12
JCGB9L	Identifiler® Plus					
			22,25		15,17	12,13
	3	9,10	10,14			11,13
		16,19	14,14.2	29,31		X,Y
		20,20				6,9
		17,18				9,12
JD2ECY	PowerPlex® Fusion 6 C					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	3	9,10	10,14	13,13	17,3,21	11,13
		16,19	14,14.2	29,31	11,15	X,Y
		20,20	13,13	10,11	16,36	6,9
		17,18	11	21	16	9,12

TABLE 2

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

JE6BJG	GlobalFiler™ (STRmix 2.4)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
JJ7A3L	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	11				
JKHZCQ	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
JL4CPV	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
JN6Y3E	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
JQDQXW	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
JRGHR3	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

JRJ3P4	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
JUW7LM	Identifiler® Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
JY4B6M	Investigator® 24plex (STRMix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
JY4C4U	PowerPlex® Fusion 6C (STRMix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
JZCMK4	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
JZDBAU	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
JZNRTV	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

JZZPP2	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
K37YHM	PowerPlex® Fusion 5C, MiniFiler					
	16,3,17,3	22,25	11,3,14	15,17	12,13	NA
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	NA	6,9	9,12
	17,18	11	NA	NA	NA	
K3RK3Q	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
K7HGD7	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
K9KEPR	Investigator® 24plex					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
K9ZRYW	PowerPlex® Fusion (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
KAW4YW	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

KBZZRM	Identifiler®, MiniFiler and Identifiler Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
KC4J9M	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
KEVNVV	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
KFBRWZ	PowerPlex® Fusion 6C					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
KGTXYP	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
KHK8JQ	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
KJ8F72	GlobalFiler™					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

KKEVBE	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
KKTD37	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
KLKPQD	PowerPlex® Fusion6C, GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	NT
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16	2	
KM9H7Q	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
KMX6UJ	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
KQLG6B	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
KQTYFF	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

## Item 3 - STR Results

KTF4YU	GlobalFiler™						
		16.3,17.3	22,25	11.3,14	15,17	12,13	
	3	9,10	10,14	13	17.3,21	12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20			16,36	6,9	9,12
	17,18	11			2		
KTKNEM	Identifiler® Plus						
			22,25		15,17	12,13	
	3	9,10	10,14			12	11,13
		16,19	14,14.2	29,31		X,Y	10,11
		20				6,9	9,12
	17,18						
KUFCVX	GlobalFiler™						
		16.3,17.3	22,25	11.3,14	15,17	12,13	
	3	9,10	10,14	13	17.3,21	12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20			16,36	6,9	9,12
	17,18	11			2		
KUUGTG	Identifiler®						
			22,25		15,17	12,13	
	3	9,10	10,14			12	11,13
		16,19	14,14.2	29,31		X,Y	10,11
		20				6,9	9,12
	17,18						
KVM7FH	Identifiler® Plus, NGM						
		16.3,17.3	22,25	11.3,14	15,17	12,13	
	3	9,10	10,14	13	17.3,21	12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20				6,9	9,12
	17,18						
KVY2DH	Investigator® 24plex (STRmix)						
		16.3,17.3	22,25	11.3,14	15,17	12,13	
	3	9,10	10,14	13,13	17.3,21	12,12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20,20			16,36	6,9	9,12
	17,18	11					
KWBP3Q	GlobalFiler™						
		16.3,17.3	22,25	11.3,14	15,17	12,13	
	3	9,10	10,14	13	17.3,21	12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20			16,36	6,9	9,12
	17,18	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

KWUCBD	GlobalFiler™					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	3	9,10	10,14	13,13	17,3,21	12,12
		16,19	14,14.2	29,31	11,15	X,Y
		20,20			16,36	6,9
	17,18	11			2	
L22LXT	GlobalFiler™ (STRmix)					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	3	9,10	10,14	13	17,3,21	12
		16,19	14,14.2	29,31	11,15	X,Y
		20			16,36	6,9
	17,18	11			2	
L386MN	GlobalFiler™					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	3	9,10	10,14	13	17,3,21	12
		16,19	14,14.2	29,31	11,15	X,Y
		20			16,36	6,9
	17,18	11			2	
L64ARP	PowerPlex® Fusion 6C (STRmix)					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	3	9,10	10,14	13	17,3,21	12
		16,19	14,14.2	29,31	11,15	X,Y
		20	13	10,11	16,36	6,9
	17,18	11	21	16		
L97TMG	PowerPlex® 21					
		16,3,17,3	22,25		15,17	12,13
	3	9,10	10,14		17,3,21	12,12
		16,19	14,14.2	29,31		X,Y
		20,20	13,13	10,11		6,9
	17,18				9,12	
L9YFPY	PowerPlex® Fusion 6C					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	3	9,10	10,14	13,13	17,3,21	12,12
		16,19	14,14.2	29,31	11,15	X,Y
		20,20	13,13	10,11	16,36	6,9
	17,18	11	21	16		
LAQC6T	GlobalFiler™					
		16,3,17,3	22,25	11,3,14	15,17	12,13
	3	9,10	10,14	13,13	17,3,21	12,12
		16,19	14,14.2	29,31	11,15	X,Y
		20,20			16,36	6,9
	17,18	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

LAZHAH	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
LDDY6M	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
LLRBBE	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
LMLBK7	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
LRH3QG	PowerPlex® Fusion 5C (STRMix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	11				
LULF6F	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
LVKGDR	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

LW3AV2	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	11				
LWNPB4	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
LWULQG	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
LY7KHX	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
LYGQFK	PowerPlex® Fusion 6C, GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	Not Tested
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16	2	
LYRMCX	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
LYRMEJ	PowerPlex® F6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		



TABLE 2

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

Item 3 - STR Results

M2B2FY	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
M6FKL8	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
M7L9L6	PowerPlex® Fusion (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
M8PKVM	Investigator® 24plex QS (Strmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
M8QWVG	PowerPlex® ESX 16 Fast					
	16,3,17,3	22,25	11,3,14	15,17		
3		10,14	13	17,3,21		11,13
	16,19	14,14.2	29,31	11,15	X,Y	
	20				6,9	
	17,18					
M9CDBV	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
MA47GM	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

MA8R82	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
MBNBH8	PowerPlex® 21					
	16,3,17,3	22,25		15,17	12,13	12,13
3	9,10	10,14		17,3,21	12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18					
MDG88Z	GlobalFiler™ (STRMIX)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
MDJFAY	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	-
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	-	-	16,36	6,9	9,12
	17,18	11	-	-	2	
ME9YNK	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
MEF98N	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
MFCMXN	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

MGCJMR	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
MH4RGM	Investigator® 24plex					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
MHMJPE	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
MHZ3GW	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
MKPD8P	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	14
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
MLAZEC	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
MMQF27	PowerPlex® Fusion (STRMix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	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 3 - STR Results

MMT6JB	PowerPlex® Fusion6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
MQU7CT	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
MR2N93	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
MU7VDV	PowerPlex® 17 FAST,Fusion, 21, NGM Detect, PanGlobal					
	16,3,17,3	22,25	11,3,14	15,17	12,13	12,13
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16	2	
MUL9PN	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	11				
MURMNM	Identifiler® Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
MW3TZF	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

MXDBHZ	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
MZLMDA	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
N3DUKC	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
N3VW3L	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
N4GPPP	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
NBP96T	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
NCXPHL	PowerPlex® F6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

Item 3 - STR Results

NHXNDN	GlobalFiler™						
		16.3,17.3	22,25	11.3,14	15,17	12,13	
	3	9,10	10,14	13	17.3,21	12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20			16,36	6,9	9,12
	17,18	11			2		
NJWXJY	Investigator® 24plex (STRmix)						
		16.3,17.3	22,25	11.3,14	15,17	12,13	
	3	9,10	10,14	13,13	17.3,21	12,12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20,20			16,36	6,9	9,12
	17,18	11					
NP3HWX	GlobalFiler™ (STRmix)						
		16.3,17.3	22,25	11.3,14	15,17	12,13	
	3	9,10	10,14	13	17.3,21	12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20			16,36	6,9	9,12
	17,18	11			2		
NP684F	PowerPlex® Fusion6C (STRmix)						
		16.3,17.3	22,25	11.3,14	15,17	12,13	
	3	9,10	10,14	13	17.3,21	12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16			
NPHTGW	PowerPlex® Fusion 6C						
		16.3,17.3	22,25	11.3,14	15,17	12,13	
	3	9,10	10,14	13,13	17.3,21	12,12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16			
NPUPBF	GlobalFiler™ (STRmix)						
		16.3,17.3	22,25	11.3,14	15,17	12,13	
	3	9,10	10,14	13,13	17.3,21	12,12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20,20			16,36	6,9	9,12
	17,18	11			2		
NPYVFK	PowerPlex® Fusion 6C (STRmix)						
		16.3,17.3	22,25	11.3,14	15,17	12,13	
	3	9,10	10,14	13	17.3,21	12	11,13
		16,19	14,14.2	29,31	11,15	X,Y	10,11
		20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16			

TABLE 2

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

Item 3 - STR Results

NR9ZVU	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
NRR8EB	Identifiler®, MiniFiler and Identifiler Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
NTTHBK	Identifiler® Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
NUKZKD	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
NXXKYA	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
NYVL8M	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
NZUHJ7	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

P34PWK	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
P3AMVP	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	N/T
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	N/T	N/T	16,36	6,9	9,12
	17,18	11	N/T	N/T	2	
P4QBJF	PowerPlex® F6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
P6C7HH	Identifiler®					
		22,25		15,17	12,13	
3	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
P748HE	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
P999DX	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
P9BYJM	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		



TABLE 2

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

Item 3 - STR Results

P9R6RJ	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
PADY6L	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
PFAKCF	Investigator® 24plex (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
PGF9CD	PowerPlex® Fusion6C					
	16.3^,17.3^	22^,25^	11,3,14	15,17	12^,13^	NR
3	9^,10	10^,14^	13	17.3^,21^	12	11^,13^
	16^,19^	14^,14.2	29,31	11^,15	X,Y	10^,11^
	20	13	10,11	16,36	6^,9^	9,12
	17,18	11	21	16	NR	
PGP7EC	PowerPlex® 21 (STRmix)					
	16,3,17,3	22,25		15,17	12,13	12,13
3	9,10	10,14		17,3,21	12	11,13
	16,19	14,14.2			X,Y	10,11
	20	13	10,11			9,12
	17,18					
PHDGUQ	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
PMCHBM	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

PNLPDF	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
PQ7TNR	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
PR26WD	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
PRMVRL	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
PT9RQJ	PowerPlex® Fusion 5C, MiniFiler					
	16,3,17,3	22,25	11,3,14	15,17	12,13	NA
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	NA	6,9	9,12
	17,18	11	NA	NA	NA	
PVL7NL	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
PWH726	PowerPlex® F6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

## Item 3 - STR Results

PX9JTH	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
PXZXHT	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	-
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16	-	
PYAERE	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	11				
PZKY2V	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
Q9LEWK	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
QA3E9P	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
QAF3BA	Investigator® 24plex (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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 3 - STR Results

QC4MBE	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
QC7AP8	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
QCN4T3	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
QDN4YF	PowerPlex® Fusion6C, GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	NT
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16	2	
QER4KM	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
QFNXGC	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
QFPZKH	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

QFV3CE	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
QGDVA4	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
QGMYPF	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
QH6UHA	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
QLE8RA	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
QLGVEF	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
QMGT3F	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	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 3 - STR Results

QN83MG	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
QQ8MMR	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
QYWCK	Investigator® 24plex					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
R66DJF	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
R7DFLE	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
RE7QGF	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	11				
RFE99J	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

RGBAMN	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
RH2KAA	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
RK6YFA	Identifiler®					
		22,25		15,17	12,13	
3	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
RK7C2N	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
RK7EP8	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
RP6EGP	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	-
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16	-	
RQ722G	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

Item 3 - STR Results

RQ7RGC	PowerPlex® Fusion 6C (STRmix)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
RQVP4B	GlobalFiler™ (STRmix)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
RT9AFL	Investigator® 24plex QS					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
RTCWUE	PowerPlex® Fusion 6C (STRmix)					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
RVN2U2	PowerPlex® Fusion					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
RWJELZ	PowerPlex® Fusion 6C					
	16.3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
T6QFDE	PowerPlex® Fusion 5C, MiniFiler					
	16.3,17.3	22,25	11.3,14	15,17	12,13	NA
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	NA	6,9	9,12
	17,18	11	NA	NA	NA	



TABLE 2

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

## Item 3 - STR Results

TA4EP8	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
TCVCER	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
TE4B6U	Identifiler®					
		22,25		15,17	12,13	
3	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
TFZQF7	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
TM673E	Investigator® 24plex QS					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
TMEQHU	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
TN44XR	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

TP7CGK	PowerPlex® 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
TP9F2H	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	11				
TPLW94	Investigator® 24plex QS					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
TQWYU3	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
TRWWBP	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
TVFGHH	PowerPlex® Fusion 5C, MiniFiler					
	16,3,17,3	22,25	11,3,14	15,17	12,13	NA
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	NA	6,9	9,12
	17,18	11	NA	NA	NA	
TX87BB	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

TXBVDM	PowerPlex® Fusion					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
U2GJ37	GlobalFiler™ (STRmix v2.5)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
U3KE4T	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
U3VFRM	Investigator® 24plex					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
U6YA96	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
U6ZYMC	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
UBKM3A	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

UCCT8Y	PowerPlex® F6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
UCUKFQ	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
UCX8UJ	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
UD24YR	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
UFDXZE	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
UFUL9D	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
UGJCWR	Identifiler® Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	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 3 - STR Results

UGTURD	GlobalFiler™ (Strmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
UHQ8DL	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
UN3M7L	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
UPUP4M	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
UQA4EH	Investigator® 24plex QS					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
UQNF4B	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	11				
UTLD96	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

UVQ6ZP	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
UVXH9Q	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
UYXC9	PowerPlex® Fusion 5C, MiniFiler					
	16,3,17,3	22,25	11,3,14	15,17	12,13	NA
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	NA	6,9	9,12
	17,18	11	NA	NA	NA	
V2VALA	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
V4QF9Y	Identifiler® Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
V98F7R	Investigator® 24plex (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
VFEWR2	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

VFZVBX	PowerPlex® Fusion					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
VG3D2A	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
VHYQLG	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
VJ3R3D	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
VJB7T9	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
VMBEWH	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	NA
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	NA	NA	16,36	6,9	9,12
	17,18	11	NA	NA	2	
VPEMBN	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

VQCZUA	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
VT3XJR	PowerPlex® Fusion 5C, 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
VWFVMF	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
VX8UW8	Investigator® 24plex (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
VXLKGC	PowerPlex® F6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
VY2KY9	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	11				
VY69GL	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		



TABLE 2

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

Item 3 - STR Results

VY7L2E	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	20,21	15,16		
W36TP4	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
W39JHK	PowerPlex® Fusion (STRMix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	INC				
W4GWRN	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
W6YUAD	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
WAXZCN	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
WFA2UY	PowerPlex® Fusion 6C, GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16	2	

TABLE 2

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

Item 3 - STR Results

WH7RGC	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
WJV7N9	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
WLK9UW	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
WMTPL2	PowerPlex® Fusion, GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11			2	
WPC8J9	GlobalFiler™ (STRMIX)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
WQVLBV	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
WUH6EE	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

WUUW8V	PowerPlex® ES17Pro/ESX17					
	16,3,17.3	22,25	11.3,14	15,17		
3		10,14	13	17,3,21		11,13
	16,19	14,14.2	29,31	11,15	X,Y	
	20			16,36	6,9	
	17,18					
WVDJ7D	GlobalFiler™ (STRmix)					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
WWV8N6	PowerPlex® Fusion 6C					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
WX3ZAJ	PowerPlex® Fusion 6C					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
WZF8BV	GlobalFiler™					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
WZGKVN	GlobalFiler™					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
X6RJZ8	Identifiler® Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	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 3 - STR Results

X8XFCH	PowerPlex® Fusion 6C (STRMix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
X98PZ9	Identifiler® Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
XACW62	PowerPlex® Fusion 6C (STRMix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
XAFGVP	Identifiler®					
		22,25		15,17	12,13	
3	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
XBY6RB	Identifiler® Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
XC7HZD	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
XDZ97R	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

XEABZC	PowerPlex® Fusion 5C, Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
XF38FZ	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
XHPQGX	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
XM4FTD	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
XNKZZZ	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
XNLTNP	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
XNQ2F9	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

Item 3 - STR Results

XNTWVZ	GlobalFiler™					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
XPRX4D	PowerPlex® Fusion 6C (STRmix)					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
XQDPR9	PowerPlex® Fusion 5C					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13,13	17.3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	11				
XQKNAR	GlobalFiler™					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
XT7FDG	GlobalFiler™					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
XWGGE7	Identifiler® Plus (BulletProof)					
		22,25		15,17	12,13	
3	9,10	10,14			12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20				6,9	9,12
	17,18					
XY4UFW	PowerPlex® Fusion 6C, Fusion 5C					
	16,3,17.3	22,25	11.3,14	15,17	12,13	
3	9,10	10,14	13	17.3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		

TABLE 2

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

Item 3 - STR Results

XZYE9N	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
Y2NMT7	Identifiler® Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
Y3QHJF	Investigator® 24plex (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11				
Y7ACL8	Investigator® 24plex (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
Y7BZAD	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
Y7L66N	Identifiler® Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
Y88NEW	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11,11			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

Y8E4DV	PowerPlex® Fusion (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11		6,9	9,12
	17,18	INC				
Y8MZ4L	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
Y92AA9	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
Y9PZNR	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
YA4BUB	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
YAD6VZ	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
YBCKRA	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

YCLRHX	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
YD9XRA	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
YE9V2C	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
YEEFG6	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
YEJT3F	PowerPlex® Fusion 5C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18	11				
YJA6XC	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
YKHH8F	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

YKTX9L	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20	13,13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
YMJZE3	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
YNKD69	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
YNPQXB	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	-
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16	-	
YNYQK6	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
YP2E9A	Identifiler® Plus					
	-	22,25	-	15,17	12,13	-
3	9,10	10,14	-	-	12	11,13
	16,19	14,14.2	29,31	-	X,Y	10,11
	20	-	-	-	6,9	9,12
	17,18	-	-	-	-	
YTQYWZ	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

YU2RV9	Investigator® 24plex QS					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11				
YWZYNC	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
Z2LECH	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
Z3E8Y3	PowerPlex® 21					
	16,3,17,3	22,25		15,17	12,13	12,13
3	9,10	10,14		17,3,21	12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20	13,13	10,11		6,9	9,12
	17,18					
Z3ENC7	AmpFISTR NGM					
	16,3,17,3	22,25	11,3,14	15,17		
3		10,14	13	17,3,21		11,13
	16,19	14,14.2	29,31	11,15	X,Y	
	20				6,9	
	17,18					
Z3F2Q7	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
Z8K3EW	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

ZAFJ6J	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
ZBDKMM	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
ZFXEUW	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
ZGWEAM	PowerPlex® Fusion 6C, Investigator® 24plex					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
ZKYCKF	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	11			2	
ZLJFMT	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
ZM2Y7W	GlobalFiler™ (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13,13	17,3,21	12,12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20,20			16,36	6,9	9,12
	17,18	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

ZMBPK3	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
ZPEC48	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
ZPRZCK	Identifiler® Plus					
		22,25		15,17	12,13	
3	9,10	10,14			12,12	11,13
	16,19	14,14.2	29,31		X,Y	10,11
	20,20				6,9	9,12
	17,18					
ZQNHAf	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	11			2	
ZQW3U7	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
ZTZKJ8	PowerPlex® Fusion 6C					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20	13	10,11	16,36	6,9	9,12
	17,18	11	21	16		
ZVQMPV	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

ZWLR74	GlobalFiler™					
	16,3,17,3	22,25	11,3,14	15,17	12,13	
3	9,10	10,14	13	17,3,21	12	11,13
	16,19	14,14.2	29,31	11,15	X,Y	10,11
	20			16,36	6,9	9,12
	17,18	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

22QRXJ	Investigator® 24plex QS (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
23ZWC8	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
248DAC	PowerPlex® Fusion 5C					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
24RZKF	Identifiler®, Investigator® 24plex QS					
	12,14,15,16	18,20	11,12,14	15,16,17	11	N/A
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	N/A	N/A	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	N/A	N/A	N/A	N/A	
2844ZY	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
28RCGF	Identifiler®, Investigator® 24plex QS					
	12,14,15,16	18,20	11,12,14	15,16,17	11	N/A
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	N/A	N/A	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	N/A	N/A	N/A	N/A	
29CVVF	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

29Y722	Investigator® 24plex					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
2FELC6	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
2FEZR6	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
2FHVYU	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
2FYNGD	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
2L2QCF	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
2MFM2W	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					



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 4 - STR Results

2MQ96Z	PowerPlex® Fusion 5C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
2N3UQT	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
2P8P2J	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
2PKUZC	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
2QZB9A	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
2TBCQG	PowerPlex® Fusion (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18	INC				
2TEQJC	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

2UBM67	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR	NR	NR		
2UVV7G	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
2Y4HHQ	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
2YBZY9	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	NA
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	NA	NA	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR	NA	NA	NR	
2YCNDP	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
342HQ8	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
36QHLC	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

3846EA	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
38ANPD	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
3AJMB8	GlobalFiler™, MiniFiler (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-			-	
3ATUWM	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
3C873Y	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
3FYL87	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
3GDUML	PowerPlex® F6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

3HYWNF	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
3LHBL3	PowerPlex® 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-	-	-		
3MHPE9	GlobalFiler™ (STRmix V2.5.11)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
3P8YGM	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
3T2GKV	PowerPlex® Fusion 6C, GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	Not Tested
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR	NR	NR	NR	
3VCU9A	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
3W7HMX	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

3WUTTE	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
47J3B2	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NA			NR	
48BMWU	GlobalFiler™ (STRMIX)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
493R3K	PowerPlex® F6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
49CX4M	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	10,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	14,15,17,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NO RESULTS			NO RESULTS	
49NFPY	NGM SElect Express (GeneMapper ID-X)					
	12,14,15,16	18,20	11,12,14	15,16,17		
4		12,13,14	14,15,16	20,21,23		9,11,12
	15,18	13,14	29,30	11,14,15	X	
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	
	14,15,18					
4AT3TD	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-	-	-	-	-

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 4 - STR Results

4BYG87	GlobalFiler™ (eDNA Bullet)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
4E38G7	PowerPlex® ESI16, In-house					
	12,14,15,[16]	[18],20	[11,12],14	15,16,[17]		
4		[12,13],14	14,15,[16]	20,[21],23		[9],11,[12]
	15,18	13,[14]	[29],30	11,14,15	X	
	20,22,[24],27				6,7,8,9	
	[14,15],18					
4E64XH	PowerPlex® Fusion 6C (STRMix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
4GTHFZ	PowerPlex® Fusion6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
4HQMEA	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
4J7CTZ	Identifiler® Plus (STRMIX)					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
4J7VR2	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-	-	-		

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 4 - STR Results

4K8B3Y	Investigator® 24plex (STRmix)					
	12,14,15,16	[18],20	[11],[12],14	15,16,17	11	
4	[8],10,[12]	[12],[13],14	14,[15],[16]	20,[21],[23]	8,9,10,11	[9],11,12
	15,18	13,[14]	[29],30	[11],[14],15	X	10,[11],[13]
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	[14],[15],18					
4L6JL4	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-			-	
4LDURW	PowerPlex® 21 (STRmix)					
	12,14,15,16	18,20		15,16,17	11,11	12,12
4	8,10,12	12,13,14		20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30		XX	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
4M8FM9	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
4RDT88	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
4T8JBZ	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
4TA7QT	GlobalFiler™ (ArmedXpert)					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

4TYM83	Investigator® 24plex QS					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-				
4U8YKX	PowerPlex® 21 (STRmix)					
	12,14,15,16	18,20		15,16,17	11,11	12,12
4	8,10,12	12,13,14		20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30		XX	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
4UQ2RQ	PowerPlex® Fusion 6C, Fusion 5C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
4VNX8T	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,20	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
4VZN8Y	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
4WKBYR	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
4Y8V2B	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	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

4ZREGB	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
4ZU2V4	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
688ZUR	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
6AZVPY	GlobalFiler™					
	12,14,15,16	[18],20	11,12,14	15,16,17	11	
4	8,10,12	[12],[13],14	14,15,16	20,[21],[23]	8,9,10,11	9,11,12
	15,18	13,[14]	[29],30	11,14,15	X	10,[11],[13]
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,[9],[10]
	14,15,18					
6DAAXY	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	NA
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	NA	NA	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NA	NA	NA	NA	
6DBKKP	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
6DJQRR	PowerPlex® Fusion (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18	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

6EVYPD	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
6GYV33	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
6HVZHZ	PowerPlex® Fusion 5C, GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
6LZ494	Investigator® 24plex (STRMix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
6N7NXP	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
6NTABF	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
6PACEA	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

6RAJHR	PowerPlex® F6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
6RXTNH	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
6TE9NG	Identifiler® Plus					
		18,20		15,16,17	11,11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		XX	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
6X8EZC	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR	NR	NR		
6YGYTM	PowerPlex® Fusion 5C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
6YVGL9	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
6ZBKMD	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

73TGYB	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
74F2KE	PowerPlex® ES1 16 FAST					
	12,14,15,16	18,20	11,12,14	15,16,17		
4	8,10,12	12,13,14	14,15,16	20,21,23		9,11,12
	15,18	13,14	29,30	11,14,15	X	
	20,22,24,27				6,7,8,9	
	14,15,18					
76Z8CY	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
77XUAG	PowerPlex® Fusion 5C & 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
78Q9RK	PowerPlex® Fusion (STRmix 2.4.08)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18	INC				
7A7ABZ	Investigator® 24plex (STRMix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
7ANDRD	Investigator® 24plex QS (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

7B39GY	Identifiler® Plus					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
7CT7G7	PowerPlex® Fusion 6C (ArmedXpert)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
7D4NYP	PowerPlex® F6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
7D9DV3	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
7E3KDY	Identifiler® Plus					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
7FL7HU	GlobalFiler™ (STRmix v2.4)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	no results			no results	
7HC8NH	PowerPlex® Fusion 5C					
	12,[14],15,[16]	[18],20	11,[12],14	15,[16],17	11	
4	[8],10,[12]	[12],13,14	14,[15],16	20,[21],23	8,9,10,11	[9],11,[12]
	15,18	13,[14]	[29],30	[11],14,15	X	10,[11],13
	20,22,24,27	10,[12],13	10,11,[18]		6,7,8,9	8,[9],10
	14,[15],18	NT				

TABLE 2

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

7KCK3U	PowerPlex® Fusion (STRMix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18	INC				
7L6ERZ	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
7QCNEF	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
7QLW42	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
7R23WX	Investigator® 24plex (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
7T7LEF	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
7T7NXT	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	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

7VZ6V8	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
7WVTBW	GlobalFiler™ (STRMix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
7Y7T6V	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
7ZPT4X	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
7ZUCZ2	PowerPlex® F6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
82CEX3	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
82TJHN	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

833XH3	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
87CYFY	Identifiler® Plus					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X,X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
87PANZ	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
89YHGW	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
8B294Y	GlobalFiler™ (STRmix v2.5)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
8BAGTJ	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
8BK4UY	PowerPlex® Fusion 6C, GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	Not Tested
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	No Results	No Results	No Results	No Results	



TABLE 2

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

Item 4 - STR Results

8DNR6W	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
8DPNKK	PowerPlex® Fusion					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
8DYUB2	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
8DZHY8	Investigator® 24plex (STRMix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
8GTPZ3	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	INC	NA
4	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	INC	NA	NA	NA	
8H9ZYV	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
8KBGX6	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	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

8N9NA8	GlobalFiler™					
	12,14,15,16	[18],20	11,[12],14	15,16,17	11,11	
4	[8],10,[12]	[12],[13],14	14,15,[16]	20,[21],[23]	8,[9],10,[11]	[9],11,[12]
	15,18	13,[14]	[29],30	[11],[14],15	X,X	10,[11],[13]
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,[9],[10]
	14,[15],18					
8P4Z34	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
8PUYN9	Investigator® 24plex (STRMIX)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
8R989W	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
8RGHP7	Investigator® 24plex QS (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-				
8WPE3A	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
8Y3GCZ	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

8Z6CNV	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
9444FT	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
949F24	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
962EAB	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
99X8YY	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	INC	NA
4	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	INC	NA	NA	NA	
9CKJFH	PowerPlex® F6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
9FQ67V	GlobalFiler™ (STRmix v2.5)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	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

9KQQFP	PowerPlex® Fusion 5C, GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
9L3CER	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
9MUD36	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
9NKG7Q	PowerPlex® 21					
	12,14,15,16	18,20		15,16,17	11	12
4	8,10,12	12,13,14		20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30		X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
9TMG3L	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
9UVTKM	(STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
9WURMW	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

9YL77L	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	ND	ND	ND		
9YNDH9	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
9YUV2A	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
9ZADZA	Investigator® 24plex (STRMIX)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
A4WKMM	PowerPlex® Fusion, GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
AANR6V	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR	NR	NR		
ABB2TY	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

ABZ263	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
AC6RWR	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
AD3T66	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
AEADLD	Identifiler®					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
AFQCEZ	PowerPlex® Fusion					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18	NR				
AGJT94	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
ALUFTF	GlobalFiler™					
	12,14,15,[16]	[18],20	11,[12],14	15,[16],[17]	11	
4	[8],10,[12]	[12],[13],14	14,[15],[16]	20,[21],[23]	8,9,10,11	[9],11,[12]
	15,18	13,[14]	[29],30	[11],[14],15	X	10,[11],[13]
	[20],22,24,27			19,22.2,28.2,[29.2]	6,[7],8,9	8,[9],10
	[14],[15],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 4 - STR Results

AM6BF8	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
ANUT9R	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
AUZ89A	Investigator® 24plex QS (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
AWL7B7	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-	-	-	-	
AWZPV4	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,[21],[23]	8,9,10,11	9,11,12
	15,18	13,[14]	[29],30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
B3T3JD	Investigator® 24plex (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
B8DZWE	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

B8MRAK	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
B9FUNK	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
BA6874	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
BDGCLJ	PowerPlex® Fusion (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18	INC				
BEQVDN	PowerPlex® 24					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
BFBQLV	PowerPlex® Fusion 5C					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
BFDKD3	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					



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 4 - STR Results

BFMPAD	PowerPlex® Fusion					
	12,[14],15,[16]	[18],20	11,[12],14	15,16,17	11	
4	8,10,[12]	[12,13],14	14,[15,16]	20,[21,23]	8,[9],10,11	[9],11,12
	[15],18	13,[14]	[29],30	[11,14],15	X	10,[11,13]
	[20,22,24],27	10,[12,13]	10,11,18		6,7,8,[9]	8,[9],10
	[14,15],18					
BGFMHJ	PowerPlex® Fusion 5C (STRMix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18	INC				
BGGUT8	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
BKTUKE	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
BLADX6	Identifiler® Plus, PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
BMYDP2	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
BPGXWP	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

BU3N9Z	PowerPlex® Fusion 6C (STRMix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
BUV7PV	PowerPlex® Fusion 5C					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
BUWZNV	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
BVWECU	Identifiler® Plus (STRmix)					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
BWG369	Identifiler®, Investigator® 24plex QS					
	12,14,15,16	18,20	11,12,14	15,16,17	11	N/A
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	N/A	N/A	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	N/A	N/A	N/A	N/A	
BXBQH3	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
BXVK4X	PowerPlex® 5C,6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	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

C2KYUL	PowerPlex® Fusion 6C, GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR	NR	NR	NR	
C3QDB2	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
C3UZQU	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
C4GTCW	Investigator® 24plex QS (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
C6EUKA	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	No Results			No Results	
CDWXJ	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	ND	ND	ND		
CE88VT	PowerPlex® PP21					
	12,14,15,16	18,20		15,16,17	11	12
4	8,10,12	12,13,14		20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30		X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

CEAKAU	Identifiler® Plus					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X,X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
CFE6NV	Identifiler® (STRmix V2.5.11)					
		18,20		15,16,17	11,11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X,X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
CFYB8P	Investigator® 24plex QS (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
CGY8UP	Identifiler®					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
CNAM78	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
CNXF7N	PowerPlex® Fusion (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18	INC				
CP2LK7	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

CPTXM	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	No results			No results	
CQVCQK	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
CREFTV	Identifiler® Plus					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		XX	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
CV6P8J	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
D23XHN	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
D63X2U	Identifiler® Plus					
	-	18,20	-	15,16,17	11	-
4	8,10,12	12,13,14	-	-	8,9,10,11	9,11,12
	15,18	13,14	29,30	-	XX	10,11,13
	20,22,24,27	-	-	-	6,7,8,9	8,9,10
	14,15,18	-	-	-	-	-
D7BBAW	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

DAXMNT	PowerPlex® Fusion 5C					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
DBU8BR	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
DEE2KY	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
DEHL9U	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
DJAX37	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
DJCKGX	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
DJZCY3	PowerPlex® (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18	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

DKVWL2	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
DKWDD7	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
DMGEVN	PowerPlex® 21 (STRMix)					
	12,14,15,16	18,20		15,16,17	11,11	12,12
4	8,10,12	12,13,14		20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30		XX	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
DPA82Q	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
DR36NP	Investigator® 24plex (STRmix)					
	12,14,15,16	18,19,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
DTZGGE	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
DU48H8	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

DUHTR9	Identifiler® Plus					
		18,20		15,16,17	11,11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X,X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
DW9R8T	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	---			---	
DXDKQ8	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
DZJ3P4	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
E647RK	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
E7K3JK	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
E8JTXH	PowerPlex® Fusion, GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					



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 4 - STR Results

E9UQAE	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
EABPMC	PowerPlex® Fusion					
	12,[14],15,16	[18],20	11,[12],14	15,16,17	11,11	
4	8,10,[12]	12,[13],14	14,15,[16]	20,[21],[23]	8,9,10,11	9,11,12
	15,18	13,[14]	[29],30	11,14,15	XX	10,[11],[13]
	[20],22,24,27	10,[12],[13]	10,11,18		6,7,8,9	8,9,10
	14,15,18					
EBV92C	GlobalFiler™					
	12,14,15,16	[18],20	[11],[12],14	15,[16],17	11	
4	[8],10,[12]	[12],[13],14	14,15,[16]	20,[21],[23]	8,9,10,11	[9],11,[12]
	15,18	13,[14]	[29],30	[11],[14],15	X	10,[11],[13]
	20,22,[24],27			19,22.2,28.2,29.2	6,7,8,9	8,[9],[10]
	[14],[15],18					
ECG4GX	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
EEFHPW	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
EFYHXX	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
EGN48Q	GlobalFiler™ (STRmix v2.5)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	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

EGU7YM	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
EHFQT8	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
EN9UXV	PowerPlex® Fusion 6C, GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,13,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
EUAA7R	Identifiler®					
		18,20		15,16,17	11,11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		XX	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
EV9C9Z	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
F2BM2C	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
F3V843	Investigator® 24plex (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

F7EDLY	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
F7VKXA	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
F9YBPV	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,[14]	29,30	11,14,15	X	10,11,[13]
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	ND			ND	
FAVMTB	PowerPlex® Fusion F6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
FE44TY	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-			-	
FF4F8M	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
FK4T2Q	PowerPlex® Fusion, GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

FKY8KQ	Identifiler® Plus (STRmix)					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X,X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
FLY7TP	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
FM8XN7	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	-
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	-	-	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-	-	-	-	-
FMHWDV	Investigator® 24plex (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
FNR2QJ	Investigator® 24plex (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
FP6H4W	GlobalFiler™					
	12,14,15,16	[18],20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,[14]	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
FPKTNX	Identifiler®					
		[18],20		15,16,17	11	
4	[8],10,[12]	[12],[13],14			8,9,10,11	9,11,12
	15,18	13,[14]	[29],30		X	10,[11],[13]
	20,22,24,27				6,7,8,9	8,[9],[10]
	14,15,18					

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 4 - STR Results

FRGCX7	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	No Results			No Results	
FTB33K	PowerPlex® F6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
FU2499	GlobalFiler™					
	12,14,15,16	[18],20	11,[12],14	15,[16],[17]	11	
4	[8],10,[12]	[12],[13],14	14,[15],[16]	20,[21],[23]	8,9,10,11	[9],11,[12]
	15,18	13,[14]	[29],30	[11],[14],15	X	10,[11],[13]
	20,22,24,27			19,22.2,[28.2],29.2	6,7,8,9	8,[9],[10]
	[14],[15],18	-			-	
FVZ2PW	PowerPlex® Fusion 5C					
	12,14,15,16	18,20	[11],[12],14	15,16,[17]	11	
4	[8],10,[12]	12,13,14	14,[15],[16]	20,21,[23]	8,9,10,[11]	[9],11,[12]
	15,18	13,[14]	[29],30	11,[14],15	X	10,[11],[13]
	20,22,24,27	10,[12],[13]	[10],11,18		6,7,8,9	8,[9],[10]
	14,15,18	NR				
FW7RBP	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
FZQ78J	PowerPlex® 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
G2ENHW	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

G4RPQX	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
G4YMLT	GlobalFiler™ (STRmix v2.5.11)					
	12,14,15,16	[18],20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
G4Z999	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	n/a
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27	n/a	n/a	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	n/a	n/a	n/a	n/a	
GCDE7R	Investigator® 24plex QS (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
GF3GJR	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
GK43GT	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	---			---	
GKNNMQ	GlobalFiler™, MiniFiler (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-			-	

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 4 - STR Results

GNHZA6	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	No result			No result	
GNRCBV	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
GPK8TV	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
GQFNCL	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
GQHDFJ	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
GTPQ4C	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
GUL4PJ	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

GUMLTD	PowerPlex® Fusion					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18	INC				
GV2N4R	Identifiler® Plus					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X,X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
GX9BDQ	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	INC	NA
4	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	INC	NA	NA	NA	
GXAYZV	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	--			--	
GXKGJM	PowerPlex® PP16					
				15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18		29,30		X,X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
GXN4XE	PowerPlex® Fusion 5C, 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
GYPHF	PowerPlex® F6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					



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 4 - STR Results

H2M2FZ	GlobalFiler™					
	12,[14],15,16	[18],20	[11],[12],14	15,[16],[17]	11,11	
4	[8],10,[12]	[12],[13],14	14,[15],[16]	20,[21],[23]	8,9,10,11	[9],11,[12]
	15,18	13,[14]	[29],30	[11],14,15	X,X	10,[11],[13]
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,[9],10
	[14],[15],18	No Results			No Results	
H4JEGR	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NA			NA	
H6Y6VH	PowerPlex® 21 (STRmix)					
	12,14,15,16	18,20		15,16,17	11	12
4	8,10,12	12,13,14		20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30		X,X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
H7R34P	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR	NR	NR		
H7TQQU	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
H83ZEL	Identifiler® Plus					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
H9KBUY	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	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

HCNN9W	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
HE3XTB	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
HEME9D	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
HJWH2	GlobalFiler™ Casework					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
HKRHWQ	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
HLK8JT	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
HNEDY4	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

HPX7GD	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
HU6P86	Identifiler® Plus (STRmix)					
		18,20		15,16,17	11,11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X,X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
HUCUYN	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
HUG9RG	GlobalFiler™					
	12,14,15,16	[18],20	11,12,14	15,[16],[17]	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,[14]	[29],30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
HVXNEC	PowerPlex® Fusion (STRMix v2.4.08)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
HWWPMN	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-			-	
HY6XTT	GlobalFiler™, MiniFiler (STRMix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-			-	

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 4 - STR Results

HY9R9J	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,[14]	[29],30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
HZXWZY	Investigator® 24plex (STRmix)					
	12,14,15,16	18,19,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,17,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
J3R9XH	PowerPlex® Fusion 5C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
J4Y72V	Investigator® 24plex QS (TrueAllele)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
J8LH3L	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
JCGB9L	Identifiler® Plus					
		18,20		15,16,17	11,11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		XX	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
JD2ECY	PowerPlex® Fusion 6 C					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

JE6BJG	GlobalFiler™ (STRmix 2.4)						
		12,14,15,16	18,20	11,12,14	15,16,17	11	
	4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
		15,18	13,14	29,30	11,14,15	X	10,11,13
		20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	no results			no results		
JJ7A3L	PowerPlex® Fusion 5C						
		12,14,15,16	18,20	11,12,14	15,16,17	11,11	
	4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
		15,18	13,14	29,30	11,14,15	XX	10,11,13
		20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18						
JKHZCQ	GlobalFiler™						
		12,14,15,16	18,20	11,12,14	15,16,17	11	ND
	4	8,10,12	12,13,14	14,15,[16]	20,21,23	8,9,10,11	9,11,12
		15,18	13,14	29,30	11,14,15	X	10,11,13
		20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	ND			ND		
JL4CPV	GlobalFiler™						
		12,14,15,16	18,20	11,12,14	15,16,17	11	
	4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
		15,18	13,14	29,30	11,14,15	X	10,11,13
		20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR		
JQDQXW	PowerPlex® Fusion 6C (STRmix)						
		12,14,15,16	18,20	11,12,14	15,16,17	11	
	4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
		15,18	13,14	29,30	11,14,15	X	10,11,13
		20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18						
JRGHR3	GlobalFiler™ (STRmix)						
		12,14,15,16	18,20	11,12,14	15,16,17	11	
	4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
		15,18	13,14	29,30	11,14,15	X	10,11,13
		20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18						
JRJ3P4	GlobalFiler™						
		12,14,15,16	18,20	11,12,14	15,16,17	11	
	4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
		15,18	13,14	29,30	11,14,15	X	10,11,13
		20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18						

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 4 - STR Results

JUW7LM	Identifiler® Plus					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
JY4B6M	Investigator® 24plex (STRMix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
JY4C4U	PowerPlex® Fusion 6C (STRMix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
JZCMK4	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
JZDBAU	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
JZNRTV	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
JZZPP2	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	No Results			No Results	

TABLE 2

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

Item 4 - STR Results

K37YHM	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	INC	NA
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
INC	INC	NA	NA	NA		
K3RK3Q	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
14,15,18						
K7HGD7	GlobalFiler™					
	12,14,15,16	[18],20	[11],[12],14	15,[16],[17]	11	
	[8],10,[12]	[12],[13],14	14,[15],[16]	20,[21],[23]	8,9,10,11	[9],11,[12]
	15,18	13,[14]	[29],30	[11],[14],15	X	10,[11],[13]
	20,22,[24],27			19,22.2,28.2,29.2	6,7,8,[9]	8,[9],[10]
[14],[15],18	-			-		
K9KEPR	Investigator® 24plex (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
14,15,18						
K9ZRYW	PowerPlex® Fusion (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
14,15,18	INC					
KAW4YW	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
14,15,18	NR			NR		
KBZZRM	Identifiler®, MiniFiler and Identifiler Plus (STRmix 2.5)					
		18,20		15,16,17	11,11	
	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X,X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
14,15,18						

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 4 - STR Results

KC4J9M	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
KEVNVV	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
KFBRWZ	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
KGTXP	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
KHK8JQ	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
KJ8F72	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
KKEVBE	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					



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 4 - STR Results

KKT37	GlobalFiler™ (STRmix)						
		12,14,15,16	18,20	11,12,14	15,16,17	11	
	4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
		15,18	13,14	29,30	11,14,15	X	10,11,13
		20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	No results			No results		
KLKPD	PowerPlex® Fusion6C, GlobalFiler™						
		12,14,15,16	18,20	11,12,14	15,16,17	11	NT
	4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
		15,18	13,14	29,30	11,14,15	X	10,11,13
		20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR	NR	NR	NR		
KM9H7Q	PowerPlex® Fusion 6C						
		12,14,15,16	18,20	11,12,14	15,16,17	11	
	4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
		15,18	13,14	29,30	11,14,15	X	10,11,13
		20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18						
KMX6UJ	GlobalFiler™ (STRmix)						
		12,14,15,16	18,20	11,12,14	15,16,17	11	
	4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
		15,18	13,14	29,30	11,14,15	X	10,11,13
		20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18						
KQLG6B	PowerPlex® Fusion 6C						
		12,14,15,16	18,20	11,12,14	15,16,17	11	
	4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
		15,18	13,14	29,30	11,14,15	X	10,11,13
		20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18						
KQTYFF	PowerPlex® Fusion 6C (STRmix)						
		12,14,15,16	18,20	11,12,14	15,16,17	11	
	4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
		15,18	13,14	29,30	11,14,15	X	10,11,13
		20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18						
KTF4YU	GlobalFiler™						
		12,14,15,16	18,20	11,12,14	15,16,17	11	
	4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
		15,18	13,14	29,30	11,14,15	X	10,11,13
		20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18						

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 4 - STR Results

KTKNEM	Identifiler® Plus					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X,X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
KUFCVX	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
KUUGTG	Identifiler®					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
KVM7FH	Identifiler® Plus, NGM					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
KVY2DH	Investigator® 24plex (STRmix)					
	12,14,15,16	18,19,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
KWBP3Q	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
KWUCBD	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	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

L22LXT	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
L386MN	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
L64ARP	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,13	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
L97TMG	PowerPlex® 21 (STRmix)					
	12,14,15,16	18,20		15,16,17	11,11	12,12
4	8,10,12	12,13,14		20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30		XX	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
L9YFPY	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
LAQC6T	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-			-	
LAZHAH	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	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

LDDY6M	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
LLRBBE	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-	-	-		
LMLBK7	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
LRH3QG	PowerPlex® Fusion 5C (STRMix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
LULF6F	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
LVKGDR	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
LW3AV2	PowerPlex® Fusion 5C					
	14,[15],16	[18],20	[11],12,14	15,[16],17	11	
4	[8],10,12	12,13,[14]	14,[15],16	20,21,23	[8],9,[10],11	9,11,[12]
	15,[18]	13,[14]	29,30	[11],14,15	X	10,11,13
	20,[22],24,[27]	10,12,13	[10],11,[18]		[6],7,[8],9	8,9,[10]
	[14],15,18					

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 4 - STR Results

LWNPB4	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
LWULQG	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
LY7KHX	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
LYGQFK	PowerPlex® Fusion 6C, GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	Not Tested
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR	NR	NR	NR	
LYRMCX	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
LYRMEJ	PowerPlex® F6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
M2B2FY	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

M6FKL8	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
M7L9L6	PowerPlex® Fusion (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18	INC				
M8PKVM	Investigator® 24plex QS (Strmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
M8QWVG	PowerPlex® ESX 16 Fast					
	12,14,15,16	18,20	11,12,14	15,16,17		
4		12,13,14	14,15,16	20,21,23		9,11,12
	15,18	13,14	29,30	11,14,15	X	
	20,22,24,27				6,7,8,9	
	14,15,18					
M9CDBV	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
MA47GM	GlobalFiler™ (Bullet)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
MA8R82	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

MBNBH8	PowerPlex® 21 (STRmix)					
	12,14,15,16	18,20		15,16,17	11	12
4	8,10,12	12,13,14		20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30		X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
MDG88Z	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
MDJFAY	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	-
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27	-	-	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-	-	-	-	-
ME9YNK	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
MEF98N	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	--			--	
MFCMXN	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
MGCJMR	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

MH4RGM	Investigator® 24plex (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
MHMJPE	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
MHZ3GW	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
MKPD8P	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
MLAZEC	GlobalFiler™					
	12,14,15,16	[18],20	[11],[12],14	15,[16],[17]	11,11	
4	[8],10,[12]	[12],[13],14	14,[15],[16]	20,[21],[23]	8,9,10,11	[9],11,[12]
	15,18	13,[14]	[29],30	[11],[14],15	XX	10,[11],[13]
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,[9],[10]
	[14],[15],18					
MMQF27	PowerPlex® Fusion (STRMix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18	NEG				
MMT6JB	PowerPlex® Fusion6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					



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 4 - STR Results

MQU7CT	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-			-	
MR2N93	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
MU7VDV	PowerPlex® 17 FAST,Fusion, 21, NGM Detect, PanGlobal					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	12,12
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
MUL9PN	PowerPlex® Fusion 5C					
	12,14,15,16	[18],20	11,[12],14	15,[16],17	11	
4	8,10,12	[12],[13],14	14,15,[16]	20,[21],[23]	8,9,10,11	[9],11,12
	15,18	13,[14]	[29],30	11,14,15	X	10,[11],[13]
	20,22,24,27	10,[12],[13]	10,11,[18]		6,7,8,9	8,9,10
	14,15,18	NID				
MURMNM	Identifiler® Plus					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X,X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
MW3TZF	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
MXDBHZ	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

MZLMDA	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
N3DUKC	GlobalFiler™					
	12,14,15,16	[18],20	[11],[12],14	15,16,17	11	
4	8,10,12	12,13,14	14,[15],[16]	20,[21],[23]	8,9,10,11	9,11,12
	15,18	13,[14]	[29],30	11,14,15	X	10,[11],[13]
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
N3VW3L	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
N4GPPP	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
NBP96T	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
NCXPHL	PowerPlex® F6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR	NR	NR		
NHEXDN	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

NJWXJY	Investigator® 24plex (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
NP3HWX	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
NP684F	PowerPlex® Fusion6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
NPHTGW	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
NPUPBF	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
NPYVFK	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
NR9ZVU	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

NRR8EB	Identifiler®, MiniFiler and Identifiler Plus					
		18,20		15,16,17	11,11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X,X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
NTTHBK	Identifiler® Plus, MiniFiler					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
NUKZKD	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,[14]	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
NXXKYA	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
NYVL8M	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
NZUHJ7	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
P34PWK	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

P3AMVP	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	N/T
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27	N/T	N/T	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	N/R	N/T	N/T	N/R	
P4QBJF	PowerPlex® F6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
P6C7HH	Identifiler®					
		18,20		15,16,17	11,11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		XX	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
P748HE	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
P999DX	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
P9BYJM	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
P9R6RJ	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	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

PADY6L	GlobalFiler™						
	12,14,15,16	18,20	11,12,14	15,16,17	11		
	4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
		15,18	13,14	29,30	11,14,15	X	10,11,13
		20,22,24,27		19,22.2,28.2,29.2	6,7,8,9		8,9,10
	14,15,18						
PFAKCF	Investigator® 24plex (STRmix)						
	12,14,15,16	18,20	11,12,14	15,16,17	11		
	4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
		15,18	13,14	29,30	11,14,15	X	10,11,13
		20,22,24,27		19,22.2,28.2,29.2	6,7,8,9		8,9,10
	14,15,18						
PGF9CD	PowerPlex® Fusion6C						
	12^,14,15,16^	18,20	11,12,14	15,16,17	11	NR	
	4	8,10,12	12,13,14	14,15,16	20,21^,23^	8,9,10,11	9,11,12
		15,18	13,14	29,30	11,14,15	X	10,11^,13
		20,22^,24^,27^	10,12,13^	10,11,18	19,22.2,28.2,29.2	6,7^,8,9^	8,9,10
	14,15,18	NR	NR	NR	NR		
PGP7EC	PowerPlex® 21 (STRmix)						
	12,14,15,16	18,20		15,16,17	11	12	
	4	8,10,12	12,13,14	20,21,23	8,9,10,11	9,11,12	
		15,18	13,14	29,30	X	10,11,13	
		20,22,24,27	10,12,13	10,11,18	6,7,8,9		8,9,10
	14,15,18						
PHDGUQ	PowerPlex® Fusion 6C						
	12,14,15,16	18,20	11,12,14	15,16,17	11		
	4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
		15,18	13,14	29,30	11,14,15	X	10,11,13
		20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18						
PMCHBM	GlobalFiler™						
	12,14,15,16	18,20	11,12,14	15,16,17	11		
	4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
		15,18	13,14	29,30	11,14,15	X	10,11,13
		20,22,24,27		19,22.2,28.2,29.2	6,7,8,9		8,9,10
	14,15,18						
PNLPDF	GlobalFiler™						
	12,14,15,16	18,20	11,12,14	15,16,17	11		
	4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
		15,18	13,14	29,30	11,14,15	X	10,11,13
		20,22,24,27		19,22.2,28.2,29.2	6,7,8,9		8,9,10
	14,15,18						

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 4 - STR Results

PQ7TNR	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
PR26WD	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
PRMVRL	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
PT9RQJ	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	INC	NA
4	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	NR	NA	NA	NA	
PVL7NL	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
PWH726	PowerPlex® F6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
PX9JTH	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

PXZXHT	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	-
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-	-	-	-	-
PYAERE	PowerPlex® Fusion 5C					
	12,14,15,16	[18],20	11,12,14	15,16,17	11	
4	[8],10,[12]	[12,13],14	14,15,16	20,[21,23]	8,9,10,11	9,11,12
	15,18	13,[14]	[29],30	11,14,15	X	10,[11,13]
	20,22,24,27	10,[12,13]	10,11,18		6,7,8,9	8,9,10
	14,[15],18					
PZKY2V	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
Q9LEWK	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
QA3E9P	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
QAF3BA	Investigator® 24plex (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
QC4MBE	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					



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 4 - STR Results

QC7AP8	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
QCN4T3	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
QDN4YF	PowerPlex® Fusion6C, GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	NT
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR	NR	NR	NR	
QER4KM	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
QFNXGC	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
QFPZKH	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NP			NP	
QFV3CE	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

QGDVA4	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
QGMYPF	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
QH6UHA	PowerPlex® Fusion 5C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18	INC				
QLE8RA	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
QLGVEF	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
QMGT3F	PowerPlex® Fusion 5C					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,[12],13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
QN83MG	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

QQ8MMR	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
QYWCK	Investigator® 24plex (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
R66DJF	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
R7DFLE	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
RE7QGF	PowerPlex® Fusion 5C					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
RFE99J	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
RGBAMN	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

RH2KAA	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-			-	
RK6YFA	Identifiler®					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
RK7C2N	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-			-	
RK7EP8	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	No result			No Result	
RP6EGP	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	-
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-	-	-	-	
RQ722G	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR	NR	NR		
RQ7RGC	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

RQVP4B	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
RT9AFL	Investigator® 24plex QS					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR				
RTCWUE	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
RVN2U2	PowerPlex® Fusion (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18	INC				
RWJELZ	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
T6QFDE	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	INC	NA
4	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	INC	NA	NA	NA	
TA4EP8	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,[14]	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

TCVCER	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
TE4B6U	Identifiler®					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
TFZQF7	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
TM673E	Investigator® 24plex QS					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-				
TMEQHU	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
TN44XR	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
TP7CGK	PowerPlex® 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

TP9F2H	PowerPlex® Fusion 5C					
	12,14,15,16	[18],20	11,12,14	15,16,17	11	
4	8,10,[12]	[12],13,14	14,15,16	20,21,23	8,9,10,11	[9],11,12
	15,18	13,[14]	[29],30	11,[14],15	X	10,[11],[13]
	20,22,24,27	10,12,13	10,11,[18]		6,7,8,9	8,9,10
	[14],[15],18	NID				
TPLW94	Investigator® 24plex QS					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
TQWYU3	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
TRWWBP	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
TVFGHH	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	INC	NA
4	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	INC	NA	NA	NA	
TX87BB	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,[14]	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
TXBVDM	PowerPlex® Fusion (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18	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

U2GJ37	GlobalFiler™ (STRmix v2.5)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
U3KE4T	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
U3VFRM	Investigator® 24plex					
	12,14,15,16	[18],20	[11],[12],14	15,[16],[17]	11,11	
4	[8],10,[12]	12,[13],14	14,15,[16]	20,[21],[23]	8,9,10,11	[9],11,[12]
	15,18	13,[14]	[29],30	11,[14],15	XX	10,[11],[13]
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,[10]
	[14],[15],18	No Results				
U6YA96	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
U6ZYMC	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
UBKM3A	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
UCCT8Y	PowerPlex® F6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					



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 4 - STR Results

UCUKFQ	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	No results			No results	
UCX8UJ	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
UD24YR	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
UFDXZE	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
UFUL9D	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR	NR	NR		
UGJCWR	Identifiler® Plus					
		18,20		15,16,17	11,11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X,X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
UGTURD	GlobalFiler™ (Strmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	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

UHQ8DL	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
UN3M7L	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
UPUP4M	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
UQA4EH	Investigator® 24plex QS (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
UQNF4B	PowerPlex® Fusion 5C					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
UTLD96	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
UVQ6ZP	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

UVXH9Q	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-			-	
UYXC9	PowerPlex® Fusion 5C					
	INC	INC	INC	INC	INC	NA
4	INC	INC	INC	INC	INC	INC
	INC	INC	INC	INC	INC	INC
	INC	INC	INC	NA	INC	INC
	INC	INC	NA	NA	NA	
V2VALA	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
V4QF9Y	Identifiler® Plus					
		18,20		15,16,17	11,11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X,X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
V98F7R	Investigator® 24plex (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
VFEWR2	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
VFZVBX	PowerPlex® Fusion					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18	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

VG3D2A	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
VHYQLG	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
VJ3R3D	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
VJB7T9	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
VMBEWH	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	NA
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27	NA	NA	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NA	NA	NA	NA	
VPEMBN	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
VQCZUA	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

VT3XR	PowerPlex® Fusion 5C, 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
VWFVMF	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
VX8UW8	Investigator® 24plex (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
VXLKGC	PowerPlex® F6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
VY2KY9	PowerPlex® Fusion 5C (STRMIX)					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18	NR				
VY69GL	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
VY7L2E	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

W36TP4						
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
W39JHK PowerPlex® Fusion						
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18	INC				
W4GWRN GlobalFiler™						
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
W6YUAD GlobalFiler™						
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
WAXZCN GlobalFiler™ (STRmix)						
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
WFA2UY PowerPlex® Fusion 6C, GlobalFiler™						
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
WH7RGC GlobalFiler™						
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	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

WJV7N9	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
WLK9UW	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
WMTPL2	PowerPlex® Fusion, GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
WPC8J9	GlobalFiler™ (STRMIX)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
WQVLBV	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	no results			no results	
WUH6EE	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
WUUW8V	PowerPlex® ES117Pro/ESX17					
	12,14,15,16	18,20	11,12,14	15,16,17		
4		12,13,14	14,15,16	20,21,23		9,11,12
	15,18	13,14	29,30	11,14,15	XX	
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	
	14,15,18					

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 4 - STR Results

WVDJ7D	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
WWV8N6	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
WX3ZAJ	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
WZF8BV	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
WZGKVN	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
X6RJZ8	Identifiler® Plus					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
X8XFCH	PowerPlex® Fusion 6C (STRMix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					



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 4 - STR Results

X98PZ9	Identifiler® Plus					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
XACW62	PowerPlex® Fusion 6C (STRMix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
XAFGVP	Identifiler®					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
XBY6RB	Identifiler® Plus, MiniFiler					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
XC7HZD	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
XDZ97R	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
XEABZC	PowerPlex® Fusion 5C, Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	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

XF38FZ	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
XHPQGX	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
XM4FTD	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
XNKZZZ	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	not detected			not detected	
XNLTNP	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
XNQ2F9	PowerPlex® Fusion6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
XNTWVZ	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

XPRX4D	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
XQDPR9	PowerPlex® Fusion 5C					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
XQKNAR	GlobalFiler™					
	12,14,15,[16]	[18],20	[11],[12],14	15,[16],[17]	11	
4	[8],10,[12]	[12],[13],14	14,[15],[16]	20,[21],[23]	8,9,10,11	[9],11,[12]
	15,18	13,[14]	[29],30	11,[14],15	X	10,[11],[13]
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,[9],10
	[14],[15],18					
XT7FDG	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
XWGGE7	Identifiler® Plus (BulletProof)					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
XY4UFW	PowerPlex® Fusion 6C, Fusion 5C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
XZYE9N	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	no results			no results	

TABLE 2

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

Item 4 - STR Results

Y2NMT7	Identifiler® Plus (STRmix)					
		18,20		15,16,17	11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		X	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
Y34W7P	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
Y3QHJF	Investigator® 24plex (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
Y7ACL8	Investigator® 24plex (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
Y7BZAD	GlobalFiler™, MiniFiler (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-			-	
Y7L66N	Identifiler® Plus					
		18,20		15,16,17	11,11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		XX	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
Y88NEW	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	XX	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

Y8E4DV	PowerPlex® Fusion (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,12,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18	INC				
Y8MZ4L	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
Y92AA9	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
Y9PZNR	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	No Result			No Result	
YA4BUB	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
YAD6VZ	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
YBCKRA	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

YCLRHX	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
YD9XRA	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-			-	
YE9V2C	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
YEEFG6	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
YEJT3F	PowerPlex® Fusion 5C					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
YJA6XC	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11,11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-			-	
YKHH8F	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,12,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

YKTX9L	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
YMJZE3	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X,X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
YNKD69	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
YNPQXB	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	-
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-	-	-	-	
YNYQK6	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
YP2E9A	Identifiler® Plus					
	-	18,20	-	15,16,17	11	-
4	8,10,12	12,13,14	-	-	8,9,10,11	9,11,12
	15,18	13,14	29,30	-	X,X	10,11,13
	20,22,24,27	-	-	-	6,7,8,9	8,9,10
	14,15,18	-	-	-	-	
YTQYWZ	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	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

YU2RV9	Investigator® 24plex QS					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-				
YWZYNC	GlobalFiler™, MiniFiler (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-				
Z2LECH	GlobalFiler™					
	12,14,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
Z3E8Y3	PowerPlex® 21 (STRmix)					
	12,14,15,16	18,20		15,16,17	11	12
4	8,10,12	12,13,14		20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30		XX	10,11,13
	20,22,24,27	10,12,13	10,11,18		6,7,8,9	8,9,10
	14,15,18					
Z3ENC7	AmpFISTR NGM					
	12,14,15,16	18,20	11,12,14	15,16,17		
4		12,13,14	14,15,16	20,21,23		9,11,12
	15,18	13,14	29,30	11,14,15	X	
	20,22,24,27				6,7,8,9	
	14,15,18					
Z3F2Q7	GlobalFiler™					
	12,14,15,16	[18],20	[11],[12],14	15,16,17	11,11	
4	8,10,[12]	[12],[13],14	14,15,[16]	20,[21],[23]	8,9,10,11	[9],11,[12]
	15,18	13,[14]	[29],30	[11],[14],15	XX	10,[11],[13]
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,[9],[10]
	[14],[15],18					
Z8K3EW	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	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

ZAFJ6J	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
ZBDKMM	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	-			-	
ZFXEUW	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
ZGWEAM	PowerPlex® Fusion 6C, Investigator® 24plex					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
ZKYCKF	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
ZLJFMT	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
ZM2Y7W	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

ZMBPK3	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
ZPEC48	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
ZPRZCK	Identifiler® Plus					
		18,20		15,16,17	11,11	
4	8,10,12	12,13,14			8,9,10,11	9,11,12
	15,18	13,14	29,30		XX	10,11,13
	20,22,24,27				6,7,8,9	8,9,10
	14,15,18					
ZQNHAf	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR			NR	
ZQW3U7	PowerPlex® Fusion 6C (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					
ZTZKJ8	PowerPlex® Fusion 6C					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27	10,12,13	10,11,18	19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18	NR	NR	NR		
ZVQMPV	GlobalFiler™ (STRmix)					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

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 4 - STR Results

ZWLR74	GlobalFiler™					
	12,14,15,16	18,20	11,12,14	15,16,17	11	
4	8,10,12	12,13,14	14,15,16	20,21,23	8,9,10,11	9,11,12
	15,18	13,14	29,30	11,14,15	X	10,11,13
	20,22,24,27			19,22.2,28.2,29.2	6,7,8,9	8,9,10
	14,15,18					

# 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

2FYNGD	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	NR	NR
3LHBL3	PowerPlex® Y 23								
1	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
4J7VR2	PowerPlex® Y 23								
1	[REDACTED]								
6EVYPD	Yfiler™ Plus								
1	[REDACTED]								
6QGEF9	Yfiler™								
1	[REDACTED]								
9L3CER	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	NR	NR
9WF3L6	Yfiler™								
1	[REDACTED]								
AFQCEZ	PowerPlex®Fusion								
1	[REDACTED]						NR	[REDACTED]	
BGTW32	Yfiler™								
1	[REDACTED]								
DW9R8T	Yfiler™ Plus								
1	---	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---
FPKTNX	Yfiler™								
1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
							NA		NA

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

GXAYZV	Yfiler™ Plus								
1	--	--	--	--	--	--	--	---	--
	--	--	--	--	--	--	--	--	--
	--	--		--	--	--	--		--
HVXNEC	Yfiler™								
1									
LAQC6T	Yfiler™ Plus								
1	--	-	--	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-		-	-	-	-		-
MQU7CT	Yfiler™ Plus								
1	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-		-	-	-	-		-
MU7VDV	PowerPlex® Y 23								
1									
NUKZKD	Yfiler™								
1									
RGBAMN	Yfiler™								
1									
X6RJZ8	PowerPlex® Y 23								
1									
Y9PZNR	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
Z3ENC7	PowerPlex® Y 23								
1									

TABLE 3

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

Item 2 - YSTR Results

22QRXJ	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
2844ZY	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
29Y722	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
2FELC6	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
2FYNGD	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
2L2QCF	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
2MFM2W	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
2N3UQT	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
2P8P2J	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
2PKUZC	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
2TBCQG	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11

TABLE 3

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

Item 2 - YSTR Results

2TEQJC	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
2UBM67	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
2UW7G	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
2YBZY9	Yfiler™								
2	NA	14	16,18	13	30	21	11	11	13
	14	11	11	21	NA	14	17	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
36QHLC	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
3846EA	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
3AJMB8	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
3ATUWM	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
3C873Y	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
3FYL87	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
3GDUML	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11

TABLE 3

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

## Item 2 - YSTR Results

3LHBL3	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
3MHPE9	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
3VCU9A	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
3WUTTE	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
49NFPY	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
4BYG87	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
4E38G7	In-house								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
		11	11	21	16		21	14	11
4GTHFZ	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
4HQMEA	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
4J7CTZ	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
4J7VR2	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11



TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4	
<b>Item 2 - YSTR Results</b>										
4K8B3Y	Yfiler™									
2		14	16,18	13	30	21	11	11	13	
	14	11	11	21		14	17			
							21		11	
4L6JL4	Yfiler™ Plus									
2	36,40	14	16,18	13	30	21	11	11	13	
	14	11	11	21	30	14	17	11	24	
	39	11		21	16	18	21		11	
4RDT88	PowerPlex® Y 23									
2		14	16,18	13	30	21	11	11	13	
	14	11	11	21		14	17		24	
		11	11	21	16		21	14	11	
4T8JBZ	PowerPlex® Y 23									
2		14	16,18	13	30	21	11	11	13	
	14	11	11	21		14	17		24	
		11	11	21	16		21	14	11	
4UQ2RQ	PowerPlex® Y 23									
2		14	16,18	13	30	21	11	11	13	
	14	11	11	21		14	17		24	
		11	11	21	16		21	14	11	
4VNX8T	PowerPlex® Y 23									
2		14	16,18	13	30	21	11	11	13	
	14	11	11	21		14	17		24	
		11	11	21	16		21	14	11	
4Y8V2B	PowerPlex® Y 23									
2		14	16,18	13	30	21	11	11	13	
	14	11	11	21		14	17		24	
		11	11	21	16		21	14	11	
4ZREGB	Yfiler™									
2		14	16,18	13	30	21	11	11	13	
	14	11	11	21		14	17			
							21		11	
6AZVPY	Yfiler™ Plus									
2	36,40	14	16,18	13	30	21	11	11	13	
	14	11	11	21	30	14	17	11	24	
	39	11		21	16	18	21		11	
6DAAXY	Yfiler™									
2	NA	14	16,18	13	30	21	11	11	13	
	14	11	11	21	NA	14	17	NA	NA	
	NA	NA	NA	NA	NA	NA	21	NA	11	
6DJQRR	Yfiler™									
2		14	16,18	13	30	21	11	11	13	
	14	11	11	21		14	17			
							21		11	

TABLE 3

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

Item 2 - YSTR Results

6EVYPD	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
6LZ494	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
6N7NXP	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
6NTABF	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
6PACEA	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
6QGEF9	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
6YVGL9	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
6ZBKMD	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
73TGYB	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
74F2KE	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
76Z8CY	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11

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

77XUAG	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
78Q9RK	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
7ANDRD	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
7B39GY	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
7D4NYP	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
7E3KDY	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
7KCK3U	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
7QCNEF	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
7R23WX	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
7T7NXT	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
7VZ6V8	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11

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	
<b>Item 2 - YSTR Results</b>										
7ZUCZ2	PowerPlex® Y 23									
2		14	16,18	13	30	21	11	11	13	
	14	11	11	21		14	17		24	
		11	11	21	16		21	14	11	
833XH3	Yfiler™ Plus									
2	36,40	14	16,18	13	30	21	11	11	13	
	14	11	11	21	30	14	17	11	24	
	39	11		21	16	18	21		11	
87CYFY	Yfiler™									
2		14	16,18	13	30	21	11	11	13	
	14	11	11	21		14	17			
							21		11	
87PANZ	PowerPlex® Y 23									
2		14	16,18	13	30	21	11	11	13	
	14	11	11	21		14	17		24	
		11	11	21	16		21	14	11	
89YHGW	Yfiler™									
2		14	16,18	13	30	21	11	11	13	
	14	11	11	21		14	17			
							21		11	
8BAGTJ	PowerPlex® Y 23									
2		14	16,18	13	30	21	11	11	13	
	14	11	11	21		14	17		24	
		11	11	21	16		21	14	11	
8GTPZ3	Yfiler™									
2	NA	14	16,18	13	30	21	11	11	13	
	14	11	11	21	NA	14	17	NA	NA	
	NA	NA	NA	NA	NA	NA	21	NA	11	
8KBGX6	Yfiler™ Plus									
2	36,40	14	16,18	13	30	21	11	11	13	
	14	11	11	21	30	14	17	11	24	
	39	11		21	16	18	21		11	
949F24	Yfiler™ Plus									
2	36,40	14	16,18	13	30	21	11	11	13	
	14	11	11	21	30	14	17	11	24	
	39	11		21	16	18	21		11	
962EAB	PowerPlex® Y 23									
2		14	16,18	13	30	21	11	11	13	
	14	11	11	21		14	17		24	
		11	11	21	16		21	14	11	
99X8YY	Yfiler™									
2	NA	14	16,18	13	30	21	11	11	13	
	14	11	11	21	NA	14	17	NA	NA	
	NA	NA	NA	NA	NA	NA	21	NA	11	

TABLE 3

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

Item 2 - YSTR Results

9KQQFP	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
9L3CER	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
9NKG7Q	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
9TMG3L	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
9WV3L6	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
9YNDH9	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
9YUV2A	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
9ZADZA	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
AC6RWR	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
AD3T66	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
AFQCEZ	Yfiler™, PowerPlex®Fusion								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11

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

AGJT94	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
AM6BF8	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
AWZPV4	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
B8DZWE	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
B9FUNK	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
BDGCLJ	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
BFBQLV	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
BFDKD3	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
BFMPAD	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
BGFMHJ	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
BGGUT8	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11

TABLE 3

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

Item 2 - YSTR Results

BGTW32	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
BLADX6	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
BMYDP2	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
BUWZNV	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
BWECU	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
BXBQH3	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
BXVK4X	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
C3QDB2	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
C6EUKA	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
CE88VT	PowerPlex® Y Y-23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
CEAKAU	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11

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

CFE6NV	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
CGY8UP	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
CNXF7N	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
CREFTV	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
D23XHN	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
D63X2U	Yfiler™								
2	-	14	16,18	13	30	21	11	11	13
	14	11	11	21	-	14	17	-	-
	-	-	-	-	-	-	21	-	11
DEHL9U	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
DJZCY3	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
DKVWL2	Yfiler™, PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
DTZGGE	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
DU48H8	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11



TABLE 3

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

## Item 2 - YSTR Results

DW9R8T	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
E647RK	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
E9UQAE	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
ECG4GX	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
EFYHKX	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
EN9UXV	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
EUAA7R	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
EV9C9Z	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
F2BM2C	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
F3V843	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
F7EDLY	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11

TABLE 3

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

## Item 2 - YSTR Results

F7VKXA	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
FE44TY	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
FK4T2Q	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
FKY8KQ	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
FM8XN7	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11	-	21	16	18	21	-	11
FP6H4W	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
FPKTNX	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
FRGCX7	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
FTB33K	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
FVZ2PW	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
FW7RBP	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11

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

FZQ78J	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
G2ENHW	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
G4YMLT	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
G4Z999	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
GF3GJR	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
GK43GT	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
GKNNMQ	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
GNHZA6	Yfiler™ and Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
GNRCBV	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
GPK8TV	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
GTPQ4C	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11

TABLE 3

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

Item 2 - YSTR Results

GUL4PJ	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
GUMLTD	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
GV2N4R	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
GX9BDQ	Yfiler™								
2	NA	14	16,18	13	30	21	11	11	13
	14	11	11	21	NA	14	17	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
GXAYZV	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
GXKGJM	PowerPlex® Y PPY23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
GXN4XE	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
H4JEGR	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
H6Y6VH	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
H7R34P	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
H7TQQU	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11

TABLE 3

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

Item 2 - YSTR Results

H83ZEL	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
HCNN9W	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
HE3XTB	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
HNEDY4	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
HPX7GD	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
HUG9RG	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
HVXNEC	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
HWWPMN	Yfiler™ Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
HY6XTT	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
HYYR9J	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
JJ7A3L	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11

TABLE 3

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

Item 2 - YSTR Results

JRJ3P4	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
JUW7LM	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
JY4B6M	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
JZDBAU	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
JZZPP2	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
K37YHM	Yfiler™								
2	NA	14	16,18	13	30	21	11	11	13
	14	11	11	21	NA	14	17	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
K3RK3Q	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
K9KEPR	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
K9ZRYW	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
KEVNVV	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
KFBRWZ	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11

TABLE 3

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

Item 2 - YSTR Results

KGTXP	Yfiler™ Plus									
	2	36,40	14	16,18	13	30	21	11	11	13
		14	11	11	21	30	14	17	11	24
		39	11		21	16	18	21		11
KHK8JQ	Yfiler™									
	2		14	16,18	13	30	21	11	11	13
		14	11	11	21		14	17		
								21		11
KJ8F72	Yfiler™ Plus									
	2	36,40	14	16,18	13	30	21	11	11	13
		14	11	11	21	30	14	17	11	24
		39	11		21	16	18	21		11
KQLG6B	PowerPlex® Y 23									
	2		14	16,18	13	30	21	11	11	13
		14	11	11	21		14	17		24
			11	11	21	16		21	14	11
KTF4YU	Yfiler™ Plus									
	2	36,40	14	16,18	13	30	21	11	11	13
		14	11	11	21	30	14	17	11	24
		39	11		21	16	18	21		11
KTKNEM	Yfiler™									
	2		14	16,18	13	30	21	11	11	13
		14	11	11	21		14	17		
								21		11
KUFCVX	PowerPlex® Y 23									
	2		14	16,18	13	30	21	11	11	13
		14	11	11	21		14	17		24
			11	11	21	16		21	14	11
KUUGTG	Yfiler™									
	2		14	16,18	13	30	21	11	11	13
		14	11	11	21		14	17		
								21		11
KVM7FH	Yfiler™									
	2		14	16,18	13	30	21	11	11	13
		14	11	11	21		14	17		
								21		11
KWBP3Q	Yfiler™ Plus									
	2	36,40	14	16,18	13	30	21	11	11	13
		14	11	11	21	30	14	17	11	24
		39	11		21	16	18	21		11
L22LXT	Yfiler™									
	2		14	16,18	13	30	21	11	11	13
		14	11	11	21		14	17		
								21		11

TABLE 3

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

Item 2 - YSTR Results

L386MN	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
L97TMG	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
LAQC6T	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
LAZHAH	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
LMLBK7	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
LULF6F	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
LYRMEJ	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
M2B2FY	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
M6FKL8	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
M7L9L6	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
M9CDBV	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11



TABLE 3

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

Item 2 - YSTR Results

MA47GM	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
MEF98N	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
MFCMXN	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
MGCJMR	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
MH4RGM	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
MKPD8P	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
MMQF27	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
MMT6JB	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
MQU7CT	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
MR2N93	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
MU7VDV	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11

TABLE 3

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

## Item 2 - YSTR Results

MUL9PN	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
MURMNM	Yfiler™								
2	-	14	16,18	13	30	21	11	11	13
	14	11	11	21	-	14	17	-	-
	-	-	-	-	-	-	21	-	11
N3DUKC	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
N3VW3L	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
N4GPPP	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
NBP96T	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
NCXPHL	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
NHEXDN	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
NRR8EB	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
NTTHBK	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
NUKZKD	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11

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

NYVL8M	Yfiler™								
	2	14	16,18	13	30	21	11	11	13
		14	11	11	21	14	17	21	11
P34PWK	PowerPlex® Y Y23								
	2	14	16,18	13	30	21	11	11	13
		14	11	11	21	14	17	24	11
P3AMVP	Yfiler™								
	2	N/T	16,18	13	30	21	11	11	13
		14	11	11	21	N/T	14	17	N/T
P4QBJF	PowerPlex® Y 23								
	2	14	16,18	13	30	21	11	11	13
		14	11	11	21	14	17	24	11
P6C7HH	Yfiler™ Plus								
	2	36,40	14	16,18	13	30	21	11	11
		14	11	11	21	30	14	17	11
PADY6L	Yfiler™								
	2	14	16,18	13	30	21	11	11	13
		14	11	11	21	14	17	21	11
PFAKCF	PowerPlex® Y 23								
	2	14	16,18	13	30	21	11	11	13
		14	11	11	21	14	17	24	11
PGP7EC	Yfiler™ Plus								
	2	36,40	14	16,18	13	30	21	11	11
		14	11	11	21	30	14	17	11
PHDGUQ	Yfiler™								
	2	14	16,18	13	30	21	11	11	13
		14	11	11	21	14	17	21	11
PMCHBM	Yfiler™ Plus								
	2	36,40	14	16,18	13	30	21	11	11
		14	11	11	21	30	14	17	11
PNLPDF	Yfiler™ Plus								
	2	36,40	14	16,18	13	30	21	11	11
		14	11	11	21	30	14	17	11

TABLE 3

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

Item 2 - YSTR Results

PQ7TNR	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
PRMVRL	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
PT9RQJ	Yfiler™								
2	NA	14	16,18	13	30	21	11	11	13
	14	11	11	21	NA	14	17	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
PVL7NL	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
Q9LEWK	PowerPlex® Y Y23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
QA3E9P	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
QAF3BA	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
QCN4T3	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
QER4KM	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
QFPZKH	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
QFV3CE	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11

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

QGDVA4	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
QH6UHA	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
QLGVEF	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
QN83MG	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
QYWCK	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
R7DFLE	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
RFE99J	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
RGBAMN	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
RK6YFA	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
RK7C2N	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
RQ722G	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11

TABLE 3

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

Item 2 - YSTR Results

RT9AFL	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
RVN2U2	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
RWJELZ	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
T6QFDE	Yfiler™								
2	NA	14	16,18	13	30	21	11	11	13
	14	11	11	21	NA	14	17	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
TA4EP8	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
TMEQHU	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
TN44XR	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
TP9F2H	PowerPlex® Y 23								
2									
TVFGHH	Yfiler™								
2	NA	14	16,18	13	30	21	11	11	13
	14	11	11	21	NA	14	17	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
TX87BB	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
TXBVDM	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11

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

U3VFRM	PowerPlex® Y 23								
2	14	11	11	21	14	17	24		
	14	11	11	21	16	21	14	11	13
U6ZYMC	Yfiler™								
2	14	11	11	21	14	17	21	14	11
	14	11	11	21	16	21	14	11	13
UCCT8Y	PowerPlex® Y 23								
2	14	11	11	21	14	17	24		
	14	11	11	21	16	21	14	11	13
UCUKFQ	PowerPlex® Y 23								
2	14	11	11	21	14	17	24		
	14	11	11	21	16	21	14	11	13
UD24YR	Yfiler™ Plus								
2	36,40	11	11	21	30	14	17	11	24
	36,40	14	16,18	13	30	21	11	11	13
	39	11		21	16	18	21		11
UFDXZE	Yfiler™ Plus								
2	36,40	11	11	21	30	14	17	11	24
	36,40	14	16,18	13	30	21	11	11	13
	39	11		21	16	18	21		11
UFUL9D	Yfiler™								
2	14	11	11	21	14	17	21	11	11
	14	11	11	21	16	18	21	11	13
UHQ8DL	Yfiler™ Plus								
2	36,40	11	11	21	30	14	17	11	24
	36,40	14	16,18	13	30	21	11	11	13
	39	11		21	16	18	21		11
UN3M7L	Yfiler™								
2	14	11	11	21	14	17	21	11	11
	14	11	11	21	16	18	21	11	13
UVXH9Q	Yfiler™ Plus								
2	36,40	11	11	21	30	14	17	11	24
	36,40	14	16,18	13	30	21	11	11	13
	39	11		21	16	18	21		11
UYXC9	Yfiler™								
2	NA	11	11	21	NA	14	17	NA	NA
	NA	14	16,18	13	30	21	11	11	13
	NA	NA	NA	NA	NA	NA	21	NA	11

TABLE 3

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

Item 2 - YSTR Results

VFZVBX	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
VHYQLG	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
VMBEWH	Yfiler™								
2	NA	14	16,18	13	30	21	11	11	13
	14	11	11	21	NA	14	17	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
VWFVMF	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
VXLKGC	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
W36TP4	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
W39JHK	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
W6YUAD	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
WAXZCN	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
WFA2UY	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
WUH6EE	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11



TABLE 3

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

Item 2 - YSTR Results

WUUW8V	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
WZF8BV	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
X6RJZ8	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
X98PZ9	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
XBY6RB	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
XDZ97R	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
XEABZC	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
XNQ2F9	PowerPlex® Y Y23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
XQDPR9	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
XT7FDG	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
Y2NMT7	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11

TABLE 3

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

## Item 2 - YSTR Results

Y7ACL8	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
Y7BZAD	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
Y8E4DV	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
Y8MZ4L	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
Y9PZNR	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
YA4BUB	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
YBCKRA	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
YD9XRA	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
YE9V2C	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
YJA6XC	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
YKTX9L	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11

TABLE 3

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

## Item 2 - YSTR Results

YMJZE3	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
YNKD69	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
YNPQXB	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
YNYQK6	Yfiler™								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
YP2E9A	Yfiler™								
2	-	14	16,18	13	30	21	11	11	13
	14	11	11	21	-	14	17	-	-
	-	-	-	-	-	-	21	-	11
YWZYNC	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
Z3E8Y3	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
Z3ENC7	PowerPlex® Y								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
ZAFJ6J	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
ZBDKKM	Yfiler™ Plus								
2	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
ZGWEAM	PowerPlex® Y 23								
2		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11

TABLE 3

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

## Item 2 - YSTR Results

ZLJFMT	PowerPlex® Y 23								
2	14	11	11	21	14	17	24		
	14	11	11	21	16	21	14	11	13
ZPEC48	PowerPlex® Y 23								
2	14	11	11	21	14	17	24		
	14	11	11	21	16	21	14	11	13
ZQNHAF	PowerPlex® Y 23								
2	14	11	11	21	14	17	24		
	14	11	11	21	16	21	14	11	13
ZQW3U7	PowerPlex® Y 23								
2	14	11	11	21	14	17	24		
	14	11	11	21	16	21	14	11	13
ZTZKJ8	Yfiler™								
2	14	11	11	21	14	17	24		
						21		11	13

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	
<b>Item 3 - YSTR Results</b>										
22QRXJ	PowerPlex® Y 23									
3		14	16,18	13	30	21	11	11	13	
	14	11	11	21		14	17		24	
		11	11	21	16		21	14	11	
24RZKF	Yfiler™									
3	N/A	14	16,18	13	30	21	11	11	13	
	14	11	11	21	N/A	14	17	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11	
2844ZY	Yfiler™ Plus									
3	36,40	14	16,18	13	30	21	11	11	13	
	14	11	11	21	30	14	17	11	24	
	39	11		21	16	18	21		11	
28RCGF	Yfiler™									
3	N/A	14	16,18	13	30	21	11	11	13	
	14	11	11	21	N/A	14	17	N/A	N/A	
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11	
29Y722	Yfiler™ Plus									
3	36,40	14	16,18	13	30	21	11	11	13	
	14	11	11	21	30	14	17	11	24	
	39	11		21	16	18	21		11	
2FELC6	PowerPlex® Y 23									
3		14	16,18	13	30	21	11	11	13	
	14	11	11	21		14	17		24	
		11	11	21	16		21	14	11	
2FYNGD	Yfiler™ Plus									
3	36,40	14	16,18	13	30	21	11	11	13	
	14	11	11	21	30	14	17	11	24	
	39	11		21	16	18	21		11	
2L2QCF	Yfiler™ Plus									
3	36,40	14	16,18	13	30	21	11	11	13	
	14	11	11	21	30	14	17	11	24	
	39	11		21	16	18	21		11	
2MFM2W	Yfiler™ Plus									
3	36,40	14	16,18	13	30	21	11	11	13	
	14	11	11	21	30	14	17	11	24	
	39	11		21	16	18	21		11	
2N3UQT	PowerPlex® Y 23									
3		14	16,18	13	30	21	11	11	13	
	14	11	11	21		14	17		24	
		11	11	21	16		21	14	11	
2P8P2J	Yfiler™									
3		14	16,18	13	30	21	11	11	13	
	14	11	11	21		14	17			
							21		11	

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

2PKUJC	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
2TBCQG	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
2TEQJC	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
2UBM67	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
2UW7G	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
2YBZY9	Yfiler™								
3	NA	14	16,18	13	30	21	11	11	13
	14	11	11	21	NA	14	17	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
36QHLC	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
3846EA	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
3AJMB8	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
3ATUWM	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
3C873Y	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11

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

3FYL87	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
3GDUML	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
3LHBL3	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
3MHPE9	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
3VCU9A	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
3WUTTE	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
49NFPY	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
4BYG87									
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
4E38G7	In-house								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
		11	11	21	16		21	14	11
4GTHFZ	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
4HQMEA	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11

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

4J7CTZ	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
4J7VR2	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
4K8B3Y	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
4L6JL4	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
4RDT88	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
4T8JBZ	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
4UQ2RQ	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
4Y8V2B	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
4ZREGB	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
6AZVPY	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
6DAAXY	Yfiler™								
3	NA	14	16,18	13	30	21	11	11	13
	14	11	11	21	NA	14	17	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11



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

6DJQRR	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
6EVYPD	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
6LZ494	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
6N7NXP	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
6NTABF	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
6PACEA	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
6TE9NG	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
6YVGL9	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
6ZBKMD	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
73TGYB	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
74F2KE	Yfiler™ PLUD								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11

TABLE 3

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

## Item 3 - YSTR Results

76Z8CY	Yfiler™								
3	14	11	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
77XUAG	PowerPlex® Y 23								
3	14	11	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
78Q9RK	Yfiler™								
3	14	11	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
7ANDRD	PowerPlex® Y 23								
3	14	11	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
7B39GY	Yfiler™								
3	14	11	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
7D4NYP	PowerPlex® Y 23								
3	14	11	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
7E3KDY	PowerPlex® Y 23								
3	14	11	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
7HC8NH	PowerPlex® Y 23								
3	14	11	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
7KCK3U	Yfiler™								
3	14	11	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
7QCNEF	Yfiler™								
3	14	11	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
7R23WX	PowerPlex® Y 23								
3	14	11	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11

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

7T7NXT	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
7VZ6V8	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
7ZUCZ2	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
833XH3	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
87CYFY	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
87PANZ	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
89YHGW	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
8BAGTJ	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
8GTPZ3	Yfiler™								
3	NA	14	16,18	13	30	21	11	11	13
	14	11	11	21	NA	14	17	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
8KBGX6	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
949F24	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11

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

962EAB	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
99X8YY	Yfiler™								
3	NA	14	16,18	13	30	21	11	11	13
	14	11	11	21	NA	14	17	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
9KQQFP	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
9L3CER	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
9NKG7Q	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
9TMG3L	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
9YNDH9	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
9YUV2A	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
9ZADZA	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
AC6RWR	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
AD3T66	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11

TABLE 3

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

Item 3 - YSTR Results

AFQCEZ	Yfiler™, PowerPlex®Fusion								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
AGJT94	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
AM6BF8	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
AWZPV4	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
B8DZWE	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
B9FUNK	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
BDGCLJ	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
BFBQLV	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
BFDKD3	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
BFMPAD	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
BGFMHJ	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11

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

BGGUT8	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
BLADX6	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
BMYDP2	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
BUWZNV	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
BWECU	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
BWG369	Yfiler™								
3	N/A	14	16,18	13	30	21	11	11	13
	14	11	11	21	N/A	14	17	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	21	N/A	11
BXBQH3	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
BXVK4X	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
C3QDB2	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
C6EUKA	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
CE88VT	PowerPlex® Y Y-23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11

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

CEAKAU	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
CFE6NV	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
CGY8UP	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
CNXF7N	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
CREFTV	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
D23XHN	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
D63X2U	Yfiler™								
3	-	14	16,18	13	30	21	11	11	13
	14	11	11	21	-	14	17	-	-
	-	-	-	-	-	-	21	-	11
DEHL9U	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
DJZCY3	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
DKVWL2	Yfiler™, PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
DTZGGE	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11

TABLE 3

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

Item 3 - YSTR Results

DU48H8	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
DUHTR9	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
DW9R8T	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
E647RK	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
E9UQAE	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
ECG4GX	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
EFYHKX	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
EN9UXV	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
EUAA7R	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
EV9C9Z	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
F2BM2C	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11



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

F3V843	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
F7EDLY	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
F7VKXA	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
FE44TY	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
FK4T2Q	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
FKY8KQ	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
FM8XN7	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11	-	21	16	18	21	-	11
FP6H4W	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
FPKTNX	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
FRGCX7	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
FTB33K	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11

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

FVZ2PW	PowerPlex® Y 23								
3	14	11	16,18	13	30	21	11	11	13
	14	11	11	21	16	14	17	24	
		11	11	21	16		21	14	11
FW7RBP	PowerPlex® Y 23								
3	14	11	16,18	13	30	21	11	11	13
	14	11	11	21	16	14	17	24	
		11	11	21	16		21	14	11
FZQ78J	Yfiler™								
3	14	11	16,18	13	30	21	11	11	13
	14	11	11	21	16	14	17	24	
							21		11
G2ENHW	Yfiler™								
3	14	11	16,18	13	30	21	11	11	13
	14	11	11	21	16	14	17	24	
							21		11
G4YMLT	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
G4Z999	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11	n/a	21	16	18	21	n/a	11
GF3GJR	PowerPlex® Y 23								
3	14	11	16,18	13	30	21	11	11	13
	14	11	11	21	16	14	17	24	
		11	11	21	16		21	14	11
GK43GT	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
GKNNMQ	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
GNHZA6	Yfiler™ and Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
GNRCBV	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11

TABLE 3

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

Item 3 - YSTR Results

GPK8TV	Yfiler™									
	3	14	16,18	13	30	21	11	11	13	
		14	11	11	21		14	17		
							21		11	
GTPQ4C	Yfiler™ Plus									
	3	36,40	14	16,18	13	30	21	11	11	13
		14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11	
GUL4PJ	Yfiler™ Plus									
	3	36,40	14	16,18	13	30	21	11	11	13
		14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11	
GUMLTD	Yfiler™									
	3	14	16,18	13	30	21	11	11	13	
		14	11	11	21		14	17		
							21		11	
GV2N4R	Yfiler™									
	3	14	16,18	13	30	21	11	11	13	
		14	11	11	21		14	17		
							21		11	
GX9BDQ	Yfiler™									
	3	NA	14	16,18	13	30	21	11	11	13
		14	11	11	21	NA	14	17	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11	
GXAYZV	Yfiler™ Plus									
	3	36,40	14	16,18	13	30	21	11	11	13
		14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11	
GXKGJM	PowerPlex® Y PPY23									
	3	14	16,18	13	30	21	11	11	13	
		14	11	11	21		14	17	24	
		11	11	21	16		21	14	11	
GXN4XE	Yfiler™									
	3	14	16,18	13	30	21	11	11	13	
		14	11	11	21		14	17		
							21		11	
H6Y6VH	Yfiler™									
	3	14	16,18	13	30	21	11	11	13	
		14	11	11	21		14	17		
							21		11	
H7R34P	Yfiler™									
	3	14	16,18	13	30	21	11	11	13	
		14	11	11	21		14	17		
							21		11	

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

H7TQQU	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
H83ZEL	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
HCNN9W	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
HE3XTB	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
HNEDY4	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
HPX7GD	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
HU6P86	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
HUG9RG	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
HVXNEC	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
HWWPMM	Yfiler™ Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
HY6XTT	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11

TABLE 3

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

Item 3 - YSTR Results

HYYR9J	Yfiler™								
	3	14	16,18	13	30	21	11	11	13
		14	11	11	21	14	17	21	11
JJ7A3L	Yfiler™								
	3	14	16,18	13	30	21	11	11	13
		14	11	11	21	14	17	21	11
JRJ3P4	Yfiler™								
	3	14	16,18	13	30	21	11	11	13
		14	11	11	21	14	17	21	11
JUW7LM	PowerPlex® Y 23								
	3	14	16,18	13	30	21	11	11	13
		14	11	11	21	14	17	24	11
		11	11	21	16	21	14	11	
JY4B6M	PowerPlex® Y 23								
	3	14	16,18	13	30	21	11	11	13
		14	11	11	21	14	17	24	11
		11	11	21	16	21	14	11	
JZDBAU	Yfiler™								
	3	14	16,18	13	30	21	11	11	13
		14	11	11	21	14	17	21	11
JZZPP2	PowerPlex® Y 23								
	3	14	16,18	13	30	21	11	11	13
		14	11	11	21	14	17	24	11
		11	11	21	16	21	14	11	
K37YHM	Yfiler™								
	3	NA	14	16,18	13	30	21	11	11
		14	11	11	21	NA	14	17	NA
		NA	NA	NA	NA	NA	21	NA	11
K3RK3Q	Yfiler™ Plus								
	3	36,40	14	16,18	13	30	21	11	11
		14	11	11	21	30	14	17	11
		39	11	21	16	18	21	11	11
K9KEPR	Yfiler™								
	3	14	16,18	13	30	21	11	11	13
		14	11	11	21	14	17	21	11
K9ZRYW	Yfiler™								
	3	14	16,18	13	30	21	11	11	13
		14	11	11	21	14	17	21	11

TABLE 3

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

Item 3 - YSTR Results

KEVNVV	Yfiler™ Plus									
	3	36,40	14	16,18	13	30	21	11	11	13
		14	11	11	21	30	14	17	11	24
		39	11		21	16	18	21		11
KFBRWZ	PowerPlex® Y 23									
	3		14	16,18	13	30	21	11	11	13
		14	11	11	21		14	17		24
			11	11	21	16		21	14	11
KGTXP	Yfiler™ Plus									
	3	36,40	14	16,18	13	30	21	11	11	13
		14	11	11	21	30	14	17	11	24
		39	11		21	16	18	21		11
KHK8JQ	Yfiler™									
	3		14	16,18	13	30	21	11	11	13
		14	11	11	21		14	17		
								21		11
KJ8F72	Yfiler™ Plus									
	3	36,40	14	16,18	13	30	21	11	11	13
		14	11	11	21	30	14	17	11	24
		39	11		21	16	18	21		11
KQLG6B	PowerPlex® Y 23									
	3		14	16,18	13	30	21	11	11	13
		14	11	11	21		14	17		24
			11	11	21	16		21	14	11
KTF4YU	Yfiler™ Plus									
	3	36,40	14	16,18	13	30	21	11	11	13
		14	11	11	21	30	14	17	11	24
		39	11		21	16	18	21		11
KTKNEM	Yfiler™									
	3		14	16,18	13	30	21	11	11	13
		14	11	11	21		14	17		
								21		11
KUFCVX	PowerPlex® Y 23									
	3		14	16,18	13	30	21	11	11	13
		14	11	11	21		14	17		24
			11	11	21	16		21	14	11
KUUGTG	Yfiler™									
	3		14	16,18	13	30	21	11	11	13
		14	11	11	21		14	17		
								21		11
KVM7FH	Yfiler™									
	3		14	16,18	13	30	21	11	11	13
		14	11	11	21		14	17		
								21		11

TABLE 3

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

Item 3 - YSTR Results

KWBP3Q	Yfiler™ Plus									
	3	36,40	14	16,18	13	30	21	11	11	13
		14	11	11	21	30	14	17	11	24
		39	11		21	16	18	21		11
L22LXT	Yfiler™									
	3		14	16,18	13	30	21	11	11	13
		14	11	11	21		14	17		
								21		11
L386MN	Yfiler™ Plus									
	3	36,40	14	16,18	13	30	21	11	11	13
		14	11	11	21	30	14	17	11	24
		39	11		21	16	18	21		11
L97TMG	Yfiler™ Plus									
	3	36,40	14	16,18	13	30	21	11	11	13
		14	11	11	21	30	14	17	11	24
		39	11		21	16	18	21		11
LAQC6T	Yfiler™ Plus									
	3	36,40	14	16,18	13	30	21	11	11	13
		14	11	11	21	30	14	17	11	24
		39	11		21	16	18	21		11
LAZHAH	Yfiler™									
	3		14	16,18	13	30	21	11	11	13
		14	11	11	21		14	17		
								21		11
LMLBK7	Yfiler™ Plus									
	3	36,40	14	16,18	13	30	21	11	11	13
		14	11	11	21	30	14	17	11	24
		39	11		21	16	18	21		11
LULF6F	Yfiler™									
	3		14	16,18	13	30	21	11	11	13
		14	11	11	21		14	17		
								21		11
LYRMEJ	PowerPlex® Y 23									
	3		14	16,18	13	30	21	11	11	13
		14	11	11	21		14	17		24
			11	11	21	16		21	14	11
M2B2FY	Yfiler™									
	3		14	16,18	13	30	21	11	11	13
		14	11	11	21		14	17		
								21		11
M6FKL8	PowerPlex® Y 23									
	3		14	16,18	13	30	21	11	11	13
		14	11	11	21		14	17		24
			11	11	21	16		21	14	11

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	
<b>Item 3 - YSTR Results</b>										
M7L9L6	Yfiler™									
3		14	16,18	13	30	21	11	11	13	
	14	11	11	21		14	17			
							21		11	
M9CDBV	Yfiler™									
3		14	16,18	13	30	21	11	11	13	
	14	11	11	21		14	17			
							21		11	
MA47GM	Yfiler™ Plus									
3	36,40	14	16,18	13	30	21	11	11	13	
	14	11	11	21	30	14	17	11	24	
	39	11		21	16	18	21		11	
MEF98N	Yfiler™ Plus									
3	36,40	14	16,18	13	30	21	11	11	13	
	14	11	11	21	30	14	17	11	24	
	39	11		21	16	18	21		11	
MFCMXN	Yfiler™ Plus									
3	36,40	14	16,18	13	30	21	11	11	13	
	14	11	11	21	30	14	17	11	24	
	39	11		21	16	18	21		11	
MGCJMR	Yfiler™ Plus									
3	36,40	14	16,18	13	30	21	11	11	13	
	14	11	11	21	30	14	17	11	24	
	39	11		21	16	18	21		11	
MH4RGM	Yfiler™									
3		14	16,18	13	30	21	11	11	13	
	14	11	11	21		14	17			
							21		11	
MKPD8P	Yfiler™ Plus									
3	36,40	14	16,18	13	30	21	11	11	13	
	14	11	11	21	30	14	17	11	24	
	39	11		21	16	18	21		11	
MMQF27	Yfiler™									
3		14	16,18	13	30	21	11	11	13	
	14	11	11	21		14	17			
							21		11	
MMT6JB	PowerPlex® Y 23									
3		14	16,18	13	30	21	11	11	13	
	14	11	11	21		14	17		24	
		11	11	21	16		21	14	11	
MQU7CT	Yfiler™ Plus									
3	36,40	14	16,18	13	30	21	11	11	13	
	14	11	11	21	30	14	17	11	24	
	39	11		21	16	18	21		11	



TABLE 3

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

Item 3 - YSTR Results

MR2N93	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
MU7VDV	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
MUL9PN	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
MURMNM	Yfiler™								
3	-	14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17	-	-
	-	-	-	-	-	-	21	-	11
N3DUKC	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
N4GPPP	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
NBP96T	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
NCXPHL	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
NHEXDN	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
NRR8EB	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
NTTHBK	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11

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

NUKZKD	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
P34PWK	PowerPlex® Y Y23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
P3AMVP	Yfiler™								
3	N/T	14	16,18	13	30	21	11	11	13
	14	11	11	21	N/T	14	17	N/T	N/T
	N/T	N/T	N/T	N/T	N/T	N/T	21	N/T	11
P4QBJF	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
P6C7HH	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
PADY6L	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
PFAKCF	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
PGP7EC	Yfiler™ Plus								
3	36,40	14	16,18			21	11	11	13
	14		11	21	30	14	17	11	24
		11		21	16	18	21		11
PHDGUQ	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
PMCHBM	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
PNLPDF	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11

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

PQ7TNR	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
PRMVRL	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
PT9RQJ	Yfiler™								
3	NA	14	16,18	13	30	21	11	11	13
	14	11	11	21	NA	14	17	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
PVL7NL	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
Q9LEWK	PowerPlex® Y Y23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
QA3E9P	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
QAF3BA	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
QCN4T3	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
QER4KM	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
QFV3CE	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
QGDVA4	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11

TABLE 3

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

## Item 3 - YSTR Results

QH6UHA Yfiler™									
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
QLGVEF									
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
QN83MG Yfiler™									
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
QYWCK Yfiler™									
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
R7DFLE Yfiler™ Plus									
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
RFE99J Yfiler™ Plus									
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
RGBAMN Yfiler™									
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
RK6YFA Yfiler™									
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
RK7C2N Yfiler™ Plus									
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
RQ722G Yfiler™									
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
RT9AFL Yfiler™									
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11

TABLE 3

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

Item 3 - YSTR Results

RVN2U2	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
RWJELZ	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
T6QFDE	Yfiler™								
3	NA	14	16,18	13	30	21	11	11	13
	14	11	11	21	NA	14	17	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
TA4EP8	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
TMEQHU	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
TN44XR	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
TP9F2H	PowerPlex® Y 23								
3									
TVFGHH	Yfiler™								
3	NA	14	16,18	13	30	21	11	11	13
	14	11	11	21	NA	14	17	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
TX87BB	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
TXBVDM	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
U3VFRM	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11

TABLE 3

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

Item 3 - YSTR Results

U6ZPMC	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
UCCT8Y	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
UCUKFQ	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
UD24YR	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
UFDXZE	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
UFUL9D	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
UHQ8DL	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
UN3M7L	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
UVXH9Q	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
UYXC9	Yfiler™								
3	NA	14	16,18	13	30	21	11	11	13
	14	11	11	21	NA	14	17	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11
V4QF9Y	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11

TABLE 3

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

Item 3 - YSTR Results

VFZVBX	Yfiler™									
	3	14	16,18	13	30	21	11	11	13	
		14	11	11	21	14	17	21	11	
VHYQLG	Yfiler™ Plus									
	3	36,40	14	16,18	13	30	21	11	11	13
		14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11	
VMBEWH	Yfiler™									
	3	NA	14	16,18	13	30	21	11	11	13
		14	11	11	21	NA	14	17	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	11	
VWFVMF	PowerPlex® Y 23									
	3	14	16,18	13	30	21	11	11	13	
		14	11	11	21	14	17	24		
		11	11	21	16	21	14	11		
VXLKGC	PowerPlex® Y 23									
	3	14	16,18	13	30	21	11	11	13	
		14	11	11	21	14	17	24		
		11	11	21	16	21	14	11		
W36TP4	Yfiler™									
	3	14	16,18	13	30	21	11	11	13	
		14	11	11	21	14	17	21	11	
W39JHK	Yfiler™									
	3	14	16,18	13	30	21	11	11	13	
		14	11	11	21	14	17	21	11	
W6YUAD	Yfiler™									
	3	14	16,18	13	30	21	11	11	13	
		14	11	11	21	14	17	21	11	
WAXZCN	Yfiler™									
	3	14	16,18	13	30	21	11	11	13	
		14	11	11	21	14	17	21	11	
WFA2UY	Yfiler™									
	3	14	16,18	13	30	21	11	11	13	
		14	11	11	21	14	17	21	11	
WUH6EE	Yfiler™									
	3	14	16,18	13	30	21	11	11	13	
		14	11	11	21	14	17	21	11	

TABLE 3

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

Item 3 - YSTR Results

WUUW8V	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
WZF8BV	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
X6RJZ8	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
X98PZ9	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
XBY6RB	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
XDZ97R	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
XEABZC	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
XNQ2F9	PowerPlex® Y Y23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
XQDPR9	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
XT7FDG	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
Y2NMT7	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11



TABLE 3

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

Item 3 - YSTR Results

Y7ACL8	PowerPlex® Y 23								
3	14	11	11	21	30	14	17	11	24
		14	16,18	21	16	21	21	14	11
Y7BZAD	Yfiler™ Plus								
3	36,40	14	16,18	21	30	14	17	11	24
	14	11	11	21	16	18	21	11	11
Y7L66N	Yfiler™								
3	14	11	11	21	30	14	17	11	13
		14	16,18	21	16	21	21	11	11
Y8E4DV	Yfiler™								
3	14	11	11	21	30	14	17	11	13
		14	16,18	21	16	18	21	11	11
Y8MZ4L	Yfiler™								
3	14	11	11	21	30	14	17	11	13
		14	16,18	21	16	18	21	11	11
Y9PZNR	Yfiler™								
3	14	11	11	21	30	14	17	11	13
		14	16,18	21	16	18	21	11	11
YA4BUB	Yfiler™ Plus								
3	36,40	14	16,18	21	30	14	17	11	24
	14	11	11	21	16	18	21	11	11
YBCKRA	Yfiler™								
3	14	11	11	21	30	14	17	11	13
		14	16,18	21	16	18	21	11	11
YD9XRA	Yfiler™ Plus								
3	36,40	14	16,18	21	30	14	17	11	24
	14	11	11	21	16	18	21	11	11
YJA6XC	Yfiler™ Plus								
3	36,40	14	16,18	21	30	14	17	11	24
	14	11	11	21	16	18	21	11	11
YKTX9L	PowerPlex® Y 23								
3	14	11	11	21	30	14	17	11	24
		14	16,18	21	16	18	21	11	11

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

YMJZE3	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
YNKD69	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
YNPQXB	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
YNYQK6	Yfiler™								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		
							21		11
YP2E9A	Yfiler™								
3	-	14	16,18	13	30	21	11	11	13
	14	11	11	21	-	14	17	-	-
	-	-	-	-	-	-	21	-	11
YWZYNC	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
Z3E8Y3	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
Z3ENC7	PowerPlex® Y								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
ZAFJ6J	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11
ZBDKKM	Yfiler™ Plus								
3	36,40	14	16,18	13	30	21	11	11	13
	14	11	11	21	30	14	17	11	24
	39	11		21	16	18	21		11
ZGWEAM	PowerPlex® Y 23								
3		14	16,18	13	30	21	11	11	13
	14	11	11	21		14	17		24
		11	11	21	16		21	14	11

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4	
<b>Item 3 - YSTR Results</b>										
ZLJFMT	PowerPlex® Y 23									
3	14	11	16,18	13	30	21	11	11	13	24
	11	11	21	16	21	14	17	21	14	11
ZPEC48	PowerPlex® Y 23									
3	14	11	16,18	13	30	21	11	11	13	24
	11	11	21	16	21	14	17	21	14	11
ZPRZCK	Yfiler™									
3	14	11	16,18	13	30	21	11	11	13	17
	21	11	21	16	21	14	17	21	14	11
ZQNHAF	PowerPlex® Y									
3	14	11	16,18	13	30	21	11	11	13	24
	11	11	21	16	21	14	17	21	14	11
ZQW3U7	PowerPlex® Y 23									
3	14	11	16,18	13	30	21	11	11	13	24
	11	11	21	16	21	14	17	21	14	11
ZTZKJ8	Yfiler™									
3	14	11	16,18	13	30	21	11	11	13	17
	21	11	21	16	21	14	17	21	14	11

TABLE 3

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

Item 4 - YSTR Results

2FYNGD	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	NR	NR
3LHBL3	PowerPlex® Y 23								
4	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
4GTHFZ	PowerPlex® Y 23								
4									
4J7VR2	PowerPlex® Y 23								
4									
9L3CER	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	NR	NR
AFQCEZ	PowerPlex®Fusion								
4							NR		
D63X2U	Yfiler™								
4	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
DW9R8T	Yfiler™ Plus								
4	---	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---
FPKTNX	Yfiler™								
4		NA	NA	NA	NA	NA	NA	NA	NA
	NA	NNA	NA	NA	NA	NA	NA	NA	NA
							NA		NA
GXAYZV	Yfiler™ Plus								
4	---	--	--	--	--	---	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
H7R34P	Yfiler™								
4		NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
							NR		NR

TABLE 3

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

Item 4 - YSTR Results

KTKNEM	Yfiler™								
4	-	-	-	-	-	-	-	-	-
LAQC6T	Yfiler™ Plus								
4	-	-	-	-	-	-	-	-	-
MQU7CT	Yfiler™ Plus								
4	-	-	-	-	-	-	-	-	-
MU7VDV	PowerPlex® Y 23								
4									
MURMNM	Yfiler™								
4	-	-	-	-	-	-	-	-	-
RGBAMN	Yfiler™								
4									
RT9AFL	Yfiler™								
4		NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
							NR		NR
UCUKFQ	PowerPlex® Y 23								
4	No results	No results	No results	No results	No results	No results	No results	No results	No results
	No results	No results	No results	No results	No results	No results	No results	No results	No results
	No results	No results	No results	No results	No results	No results	No results	No results	No results
UVXH9Q	Yfiler™ Plus								
4	-	-	-	-	-	-	-	-	-
X6RJZ8	PowerPlex® Y 23								
4									
Y9PZNR	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

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

YP2E9A	Yfiler™								
4	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
Z3ENC7	PowerPlex® Y								
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 4
D10S2325	KFBRWZ	10,13	13,15	13,15	7,9,10,13
D21S2055	KFBRWZ	26,31	18.1,33	18.1,33	19.1,26,31
D2S1360	KFBRWZ	23,26	21,25	21,25	23,26
D3S1744	KFBRWZ	16,17	15,17	15,17	16,17,20
D4S2366	KFBRWZ	14	10,11	10,11	12,14
D5S2500	KFBRWZ	12	12,15	12,15	12,13
D6S474	KFBRWZ	13	13,16	13,16	13,14
D7S1517	KFBRWZ	19,22	23,24	23,24	19,20,22
D8S1132	KFBRWZ	19,21	20,22	20,22	16,19,21
DX10103	Z3ENC7	17 ,18	20	20	17 ,18 ,19
DXS10074	Z3ENC7	15 ,16	18	18	15 ,16 ,17
DXS10079	Z3ENC7	22 ,22	19	19	21 ,22
DXS10101	Z3ENC7	32 ,33	30.2	30.2	30 ,31 ,32 ,33
DXS10134	Z3ENC7	38 ,41.3	34	34	28 ,34 ,38 ,41.3
DXS10135	Z3ENC7	22 ,25	22	22	22 ,23 ,25 ,27
DXS10146	Z3ENC7	40.2 ,42.2	29	29	26<x<27 ,28 ,40.2 ,42.2
DXS10148	Z3ENC7	18 ,26.1	18	18	13.3 ,18 ,26.1
DXS7132	Z3ENC7	13 ,14	14	14	13 ,14
DXS7423	Z3ENC7	16 ,16	14	14	12 ,16
DXS8378	Z3ENC7	10 ,11	11	11	10 ,11
HPRTB	Z3ENC7	13 ,14	14	14	11 ,12 ,13 ,14
QS1	GCDE7R	Q	Q	Q	Q
	M8PKVM	Q	Q	Q	Q
QS2	GCDE7R	S	S	S	S
	M8PKVM	S	S	S	S

# Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1

Polymorphisms from Reference Sequence

16192.0	
ITEM 1	
2YBZY9	T
49NFPY	T
4BYG87	T
62P7X2	T
6ETCBK	T
6XQV32	T
7KCK3U	T
89YHGW	T
8FJAFW	T
8GTPZ3	T
97NRET	T
99X8YY	T
EN9UXV	T
FAKN4L	T
FPXYUU	T
GRGDXU	C-T
GX9BDQ	T
JN6Y3E	T
K2EDYR	T
K37YHM	T
KFBRWZ	T
LHHAWG	T
MA47GM	T
NCXPHL	T
PT9RQJ	T
QCUFMC	C-T
T6QFDE	T
TVFGHH	T
UYXC9	T
W6YUAD	T
X6RJZ8	T
XNKZZZ	T
Y9PZNR	T
YNYQK6	T
Z3ENC7	T
Z97T7A	T



TABLE 5a - ITEM 2  
Polymorphisms from Reference Sequence

	16221.0	16519.0
<b>ITEM 2</b>		
2YBZY9	T	
49NFPY	T	C
4BYG87	T	
62P7X2	T	
6ETCBK	T	C
6XQV32	T	
7KCK3U	T	
89YHGW	T	
8FJAFW	T	
8GTPZ3	T	
97NRET	T	C
99X8YY	T	
EN9UXV	T	C
FAKN4L	T	C
FPXYUU	T	C
GRGDXU	C-T	T-C
GX9BDQ	T	
JN6Y3E	T	
K2EDYR	T	C
K37YHM	T	
KFBRWZ	T	
LHHAWG	T	C
MA47GM	T	
NCXPHL	T	
PT9RQJ	T	
QCUFMC	C-T	T-C
T6QFDE	T	
TVFGHH	T	
UYXC9	T	
W6YUAD	T	
X6RJZ8	T	
XNKZZZ	T	
Y9PZNR	T	
YNYQK6	T	
Z3ENC7	T	
Z97T7A	T	C

TABLE 5a - ITEM 3  
Polymorphisms from Reference Sequence

	16221.0	16519.0
<b>ITEM 3</b>		
2YBZY9	T	
49NFPY	T	C
4BYG87	T	
6ETCBK	T	
7KCK3U	T	
89YHGW	T	
8GTPZ3	T	
97NRET	T	
99X8YY	T	
EN9UXV	T	C
FAKN4L	T	
FPXYUU	T	
GRGDXU	C-T	
GX9BDQ	T	
JN6Y3E	T	
K2EDYR	T	
K37YHM	T	
KFBRWZ	T	
LHHAWG	T	C
MA47GM	T	
NCXPHL	T	
PT9RQJ	T	
QCUFMC	C-T	T-C
T6QFDE	T	
TVFGHH	T	
UYXC9	T	
W6YUAD	T	
X6RJZ8	T	
XNKZZZ	T	
Y9PZNR	T	
YNYQK6	T	
Z3ENC7	T	
Z97T7A	T	C

TABLE 5a - ITEM 4

Polymorphisms from Reference Sequence

	16163.0	16172.0	16192.0	16219.0	16311.0	16519.0
<b>ITEM 4</b>						
49NFPY	R	Y	Y	R	Y	Y

# Mitochondrial DNA - HVRI Results

TABLE 5b

**Bases Sequenced: HVR I**

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
2YBZY9	16001-16390	16001-16390	16001-16390	INC
49NFPY	16024-16569	16024-16569	16024-16569	16024-16569
4BYG87	16019-16374	16019-16374	16019-16374	
62P7X2	15998-16400	15998-16400		
6ETCBK	15998-16569	15998-16569	16001-16379	Not Reported
6XQV32	15998-16400	15998-16400		
7KCK3U	16024-16365	16024-16365	16024-16365	
89YHGW	16001-16390	16001-16390	16001-16390	
8FJAFW	15998-16400	15998-16400		
8GTPZ3	15998-16390	15998-16390	16001-16387	
97NRET	16024-16569	16024-16569	16024-16391	Inconclusive
99X8YY	16005-16367	16015-16376	16013-16377	
EN9UXV	16024-16565	16024-16565	16024-16565	
FAKN4L	16024-16569	16024-16569	16024-16391	Inconclusive
FPXYUU	16024-16569	16024-16569	16024-16391	Inconclusive
GRGDUX	16024-16569	16024-16569	16024-16391	Inconclusive
GX9BDQ	16001-16390	15998-16390	16014-16377	
JN6Y3E	16024-16386	16024-16387	16024-16387	
K2EDYR	16024-16569	16024-16569	16024-16391	Inconclusive
K37YHM	15998-16376	16015-16390	16003-16389	
KFBRWZ	16024-16365	16024-16365	16024-16365	
LHHAWG	16024-16569	16024-16569	16024-16569	Inconclusive
MA47GM	16019-16374	16019-16374	16019-16374	
NCXPHL	16000-16390	16000-16390	16006-16388	DNR
PT9RQJ	15998-16390	15998-16390	16001-16366	
QCUFMC	16024-16569	16024-16569	16024-16569	Inconclusive
T6QFDE	16014-16377	16008-16377	16014-16376	
TVFGHH	15998-16390	15998-16387	16001-16387	
UYXC9	16001-16390	16014-16390	16021-16369	
W6YUAD	16001-16390	16001-16390	16001-16390	
X6RJZ8	16000-16410	16000-16410	16000-16410	
XNKZZZ	15994-16400	15994-16400	15994-16400	Mixture
Y9PZNR	15994-16400	15994-16400	15994-16400	Not Tested
YNYQK6	15998-16390	15998-16390	15998-16390	
Z3ENC7	16024-16365	16024-16365	16024-16365	not sequenced
Z97T7A	16024-16569	16024-16569	16024-16569	Inconclusive

# Mitochondrial DNA - HVRII Results

## TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

	93.0	186.0	263.0	315.1
<b>ITEM 1</b>				
2YBZY9	G	A	G	C
49NFPY	G	A	G	C
4BYG87	G	A	G	C
62P7X2	G	A	G	C
6ETCBK	G	A	G	C
6XQV32	G	A	G	C
7KCK3U	G	A	G	C
89YHGW	G	A	G	C
8FJAFW	G	A	G	C
8GTPZ3	G	A	G	C
97NRET	G	A	G	C INS
99X8YY	G	A	G	C
EN9UXV	G	A	G	C
FAKN4L	G	A	G	C INS
FPXYUU	G	A	G	C INS
GRGDXU	A-G	C-A	A-G	C Ins
GX9BDQ	G	A	G	C
JN6Y3E	G	A	G	C
K2EDYR	G	A	G	C INS
K37YHM	G	A	G	C
KFBRWZ	G	A	G	C
LHHAWG	G	A	G	C INS
MA47GM	G	A	G	C
NCXPHL	G	A	G	C
PT9RQJ	G	A	G	C
QCUFMC	A-G	C-A	A-G	C ins
T6QFDE	G	A	G	C
TVFGHH	G	A	G	C
UYXC9	G	A	G	C
W6YUAD	G	A	G	C
X6RJZ8	G	A	G	C
XNKZZZ	G	A	G	C
Y9PZNR	G	A	G	C
YNYQK6	G	A	G	C INS
Z3ENC7	G	A	G	C
Z97T7A	G	A	G	C ins

## TABLE 6a - ITEM 2

Polymorphisms from Reference Sequence

	263.0	309.1	315.1	515.0
<b>ITEM 2</b>				
2YBZY9	G	C	C	
49NFPY	G	C	C	
4BYG87	G	C	C	
62P7X2	G	C	C	
6ETCBK	G	C	C	N
6XQV32	G	C	C	
7KCK3U	G	C	C	
89YHGW	G	C	C	
8FJAFW	G	C	C	
8GTPZ3	G	C	C	
97NRET	G	C INS	C INS	
99X8YY	G	C	C	
EN9UXV	G	C	C	
FAKN4L	G	C INS	C INS	
FPXYUU	G	C INS	C INS	
GRGDXU	A-G	C Ins	C Ins	
GX9BDQ	G	C	C	
JN6Y3E	G	C	C	
K2EDYR	G	C INS	C INS	
K37YHM	G	C	C	
KFBRWZ	G	C	C	
LHHAWG	G	C INS	C INS	
MA47GM	G	C	C	
NCXPHL	G	C	C	
PT9RQJ	G	C	C	
QCUFMC	A-G	C ins	C ins	
T6QFDE	G	C	C	
TVFGHH	G	C	C	
UYXC9	G	C	C	
W6YUAD	G	C	C	
X6RJZ8	G	C	C	
XNKZZZ	G	C	C	
Y9PZNR	G	C	C	
YNYQK6	G	C INS	c ins	
Z3ENC7	G	C	C	
Z97T7A	G	C ins	C ins	

## TABLE 6a - ITEM 3

Polymorphisms from Reference Sequence

	263.0	309.1	315.1	317.0	332.0
<b>ITEM 3</b>					
2YBZY9	G	C	C		
49NFPY	G	C	C		
4BYG87	G	C	C		
6ETCBK	G	C	C		
7KCK3U	G	C	C		
89YHGW	G	C	C		
8GTPZ3	G	C	C		
97NRET	G	C INS	C INS		
99X8YY	G	C	C		
EN9UXV	G	C	C		
FAKN4L	G	C INS	C INS		
FPXYUU	G	C INS	C INS		
GRGDXU	A-G	C Ins	C Ins	N	N
GX9BDQ	G	C	C		
JN6Y3E	G	C	C		
K2EDYR	G	C INS	C INS		
K37YHM	G	C	C		
KFBRWZ	G	C	C		
LHHAWG	G	C INS	C INS		
MA47GM	G	C	C		
NCXPHL	G	C	C		
PT9RQJ	G	C	C		
QCUFMC	A-G	C ins	C ins		
T6QFDE	G	C	C		
TVFGHH	G	C	C		
UYXC9	G	C	C		
W6YUAD	G	C	C		
X6RJZ8	G	C	C		
XNKZZZ	G	C	C		
Y9PZNR	G	C	C		
YNYQK6	G	C INS	C INS		
Z3ENC7	G	C	C		
Z97T7A	G	C ins	C ins		

## TABLE 6a - ITEM 4

Polymorphisms from Reference Sequence

	73.0	93.0	186.0	195.0	263.0	309.1	315.1
<b>ITEM 4</b>							
49NFPY	R	R	M	Y	G	C	C



# Mitochondrial DNA - HVRII Results

TABLE 6b

**Bases Sequenced: HVR II**

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
2YBZY9	49-407	50-403	50-403	INC
49NFPY	1-576	1-576	1-576	1-576
4BYG87	61-385	61-385	61-385	
62P7X2	30-407	30-407		
6ETCBK	1-537	1-535	39-367	Not Reported
6XQV32	30-407	30-407		
7KCK3U	73-340	73-340	73-340	
89YHGW	50-407	50-399	50-399	
8FJAFW	30-407	30-407		
8GTPZ3	49-407	50-403	71-397	
97NRET	1-576	1-576	39-464	Inconclusive
99X8YY	64-392	64-385	64-393	
EN9UXV	1-576	1-576	1-576	
FAKN4L	1-576	1-576	35-464	Inconclusive
FPXYUU	1-576	1-576	43-464	Inconclusive
GRGDUX	1-576	1-576	35-367	Inconclusive
GX9BDQ	50-407	64-393	50-403	
JN6Y3E	51-385	65-378	54-396	
K2EDYR	1-576	1-576	39-369	Inconclusive
K37YHM	50-407	70-392	64-392	
KFBRWZ	73-340	73-340	73-340	
LHHAWG	1-576	1-576	1-576	Inconclusive
MA47GM	61-385	61-385	61-385	
NCXPHL	50-407	50-407	50-407	DNR
PT9RQJ	49-407	64-393	70-393	
QCUFMC	1-576	1-576	1-576	
T6QFDE	64-393	66-393	71-385	
TVFGHH	50-407	64-393	51-400	
UYXXC9	49-393	69-393	70-385	
W6YUAD	50-407	50-403	50-404	
X6RJZ8	45-390	45-390	45-390	
XNKZZZ	35-409	35-409	35-409	Mixture
Y9PZNR	35-409	35-409	35-409	Not Tested
YNYQK6	49-407	51-403	50-403	
Z3ENC7	73-340	73-340	73-340	not sequenced
Z97T7A	1-576	1-576	1-576	Inconclusive

# 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
22QRXJ	No	Yes	Yes	No	2Y4HHQ	No	Yes	Yes	No
23ZWC8	No	Yes	Yes	No	2YBZY9	No	Yes	Yes	No
248DAC	No	Yes	Yes	No	2YCNDP	No	Yes	Yes	No
24RZKF	No	Yes	Yes	No	342HQ8	No	Yes	Yes	No
2844ZY	No	Yes	Yes	No	36QHLC	No	Yes	Yes	No
28RCGF	No	Yes	Yes	No	3846EA	No	Yes	Yes	No
29CVWF	No	Yes	Yes	No	38ANPD	No	Yes	Yes	No
29Y722	No	Yes	Yes	No	38TCM2	No Interpretations Reported, DNA Analyzed for Database purposes only.			
2FELC6	No	Yes	Yes	No	3A2N44	No Interpretations Reported, DNA Analyzed for Database purposes only.			
2FEZR6	No	Yes	Yes	No	3A9W2A	No Interpretations Reported, DNA Analyzed for Database purposes only.			
2FHVYU	No	Yes	Yes	No	3AJMB8	No	Yes	Yes	No
2FYNGD	No	Yes	Yes	No	3ATUWM	No	Yes	Yes	No
2L2QCF	No	Yes	Yes	No	3C873Y	No	Yes	Yes	No
2MFM2W	No	Yes	Yes	No	3FYL87	No	Yes	Yes	No
2MQ96Z	No	Yes	Yes	No	3GDUML	No	Yes	Yes	No
2N3UQT	No	Yes	Yes	No	3HYWNF	No	Yes	Yes	No
2P8P2J	No	Yes	Yes	No	3LHBL3	No	Yes	Yes	No
2PKUZC	No	Yes	Yes	No	3MHPE9	No	Yes	Yes	No
2QZB9A	No	Yes	Yes	No	3P8YGM	No	Yes	Yes	No
2TBCQG	No	Yes	Yes	No	3T2GKV	No	Yes	Yes	No
2TEQJC	No	Yes	Yes	No	3VCU9A	No	Yes	Yes	No
2UBM67	No	Yes	Yes	No	3W7HMX	No	Yes	Yes	No
2UW7G	No	Yes	Yes	No					

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
3WUTTE	No	Yes	Yes	No	4VNX8T	No	Yes	Yes	No
47J3B2	No	Yes	Yes	No	4VZN8Y	No	Yes	Yes	No
48BMWU	No	Yes	Yes	No	4WKBYR	No	Yes	Yes	No
493R3K	No	Yes	Yes	No	4Y8V2B	No	Yes	Yes	No
49CX4M	No	Yes	Yes	No	4ZREGB	No	Yes	Yes	No
49NFPY	No	Yes	Yes	No	4ZU2V4	No	Yes	Yes	No
4AT3TD	No	Yes	Yes	No	688ZUR	No	Yes	Yes	No
4BYG87	No	Yes	Yes	No	6AZVPY	No	Yes	Yes	No
4E38G7	No	Yes	Yes	No	6DAAXY	No	Yes	Yes	No
4E64XH	No	Yes	Yes	No	6DBKKP	No	Yes	Yes	No
4GTHFZ	No	Yes	Yes	No	6DJQRR	No	Yes	Yes	No
4HQMEA	No	Yes	Yes	No	6ETCBK	No	No Interp	Yes	No Interp
4J7CTZ	No	Yes	Yes	No	6EVYPD	No	Yes	Yes	No
4J7VR2	No	Yes	Yes	No	6GYV33	No	Yes	Yes	No
4K8B3Y	No	Yes	Yes	No	6HVZHZ	No	Yes	Yes	No
4L6JL4	No	Yes	Yes	No	6LZ494	No	Yes	Yes	No
4LDURW	No	Yes	Yes	No	6N7NXP	No	Yes	Yes	No
4M8FM9	No	Yes	Yes	No	6NTABF	No	Yes	Yes	No
4MTV6H	No Interpretations Reported, DNA Analyzed for Database purposes only.				6PACEA	No	Yes	Yes	No
4RDT88	No	Yes	Yes	No	6QGEF9	No Interpretations Reported, DNA Analyzed for Database purposes only.			
4T8JBZ	No	Yes	Yes	No	6RAJHR	No	Yes	Yes	No
4TA7QT	No	Yes	Yes	No	6RXTNH	No	Yes	Yes	No
4TYM83	No	Yes	Yes	No	6TE9NG	No	Yes	Yes	No
4U8YKX	No	Yes	Yes	No	6X8EZX	No	Yes	Yes	No
4UQ2RQ	No	Yes	Yes	No	6YGYTM	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
6YVGL9	No	Yes	Yes	No	7Y7T6V	No	Yes	Yes	No
6ZBKMD	No	Yes	Yes	No	7ZPT4X	No	Yes	Yes	No
73TGYB	No	Yes	Yes	No	7ZUCZ2	No	Yes	Yes	No
74F2KE	No	Yes	Yes	No	82CEX3	No	Yes	Yes	No
76Z8CY	No	Yes	Yes	No	82TJHN	No	Yes	Yes	No
77XUAG	No	Yes	Yes	No	833XH3	No	Yes	Yes	No
78Q9RK	No	Yes	Yes	No	87CYFY	No	Yes	Yes	No
7A7ABZ	No	Yes	Yes	No	87PANZ	No	Yes	Yes	No
7ANDRD	No	Yes	Yes	No	89YHGW	No	Yes	Yes	No
7B39GY	No	Yes	Yes	No	8B294Y	No	Yes	Yes	No
7CT7G7	No	Yes	Yes	No	8BAGTJ	No	Yes	Yes	No
7D4NYP	No	Yes	Yes	No	8BK4UY	No	Yes	Yes	No
7D9DV3	No	Yes	Yes	No	8DNR6W	No	Yes	Yes	No
7E3KDY	No	Yes	Yes	No	8DPNKK	No	Yes	Yes	No
7FL7HU	No	Yes	Yes	No	8DYUB2	No	Yes	Yes	No
7HC8NH	No	Yes	Yes	No	8DZHY8	No	Yes	Yes	No
7KCK3U	No	Yes	Yes	No	8GTPZ3	No	No Interp	Yes	No Interp
7L6ERZ	No	Yes	Yes	No	8H9ZYV	No	Yes	Yes	No
7QCNEF	No	Yes	Yes	No	8KBGX6	No	Yes	Yes	No
7QLW42	No	Yes	Yes	No	8N9NA8	No	Yes	Yes	No
7R23WX	No	Yes	Yes	No	8P4Z34	No	Yes	Yes	No
7T7LEF	No	Yes	Yes	No	8PUYN9	No	Yes	Yes	No
7T7NXT	No	Yes	Yes	No	8R989W	No	Yes	Yes	No
7VZ6V8	No	Yes	Yes	No	8RGHP7	No	Yes	Yes	No
7WVTBW	No	Yes	Yes	No	8WPE3A	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
8Y3GCZ	No	Yes	Yes	No	ABB2TY	No	Yes	Yes	No
8Z6CNV	No	Yes	Yes	No	ABZ263	No	Yes	Yes	No
9444FT	No	Yes	Yes	No	AC6RWR	No	Yes	Yes	No
949F24	No	Yes	Yes	No	AD3T66	No	Yes	Yes	No
962EAB	No	Yes	Yes	No	AEADLD	No	Yes	Yes	No
97NRET	No	Inc	Yes	Inc	AF44RR	No Interpretations Reported, DNA Analyzed for Database purposes only.			
99X8YY	No Interpretations Reported, DNA Analyzed for Database purposes only.				AFQCEZ	No	Yes	Yes	No
9CKJFH	No	Yes	Yes	No	AGJT94	No	Yes	Yes	No
9FQ67V	No	Yes	Yes	No	ALUFTF	No	Yes	Yes	No
9KQQFP	No	Yes	Yes	No	AM6BF8	No	Yes	Yes	No
9L3CER	No	Yes	Yes	No	ANUT9R	No	Yes	Yes	No
9MUD36	No	Yes	Yes	No	AUZ89A	No	Yes	Yes	No
9NKGTQ	No	Yes	Yes	No	AWL7B7	No	Yes	Yes	No
9TMG3L	No	Yes	Yes	No	AWZPV4	No	Yes	Yes	No
9UVTKM	No	Yes	Yes	No	B3T3JD	No	Yes	Yes	No
9WDF6Q	No Interp	No Interp	No Interp	No Interp	B8DZWE	No	Yes	Yes	No
9WF3L6	No Interpretations Reported, DNA Analyzed for Database purposes only.				B8MRAK	No	Yes	Yes	No
9WURMW	No	Yes	Yes	No	B9FUNK	No	Yes	Yes	No
9YL77L	No	Yes	Yes	No	BA6874	No	Yes	Yes	No
9YNDH9	No	Yes	Yes	No	BDGCLJ	No	Yes	Yes	No
9YUV2A	No	Yes	Yes	No	BEQVDN	No	Yes	Yes	No
9ZADZA	No	Yes	Yes	No	BFBQLV	No	Yes	Yes	No
A4WKMM	No	Yes	Yes	No	BFDKD3	No	Yes	Yes	No
AANR6V	No	Yes	Yes	No	BFMPAD	No	Yes	Yes	No
					BGFMHJ	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
BGGUT8	No	Yes	Yes	No	CNXF7N	No	Yes	Yes	No
BGTW32	No Interpretations Reported, DNA Analyzed for Database purposes only.				CP2LK7	No	Yes	Yes	No
BKTUKE	No	Yes	Yes	No	CPTTXM	No	Yes	Yes	No
BLADX6	No	Yes	Yes	No	CQVCQK	No	Yes	Yes	No
BMYPD2	No	Yes	Yes	No	CREFTV	No	Yes	Yes	No
BPGXWP	No	Yes	Yes	No	CV6P8J	No	Yes	Yes	No
BU3N9Z	No	Yes	Yes	No	D23XHN	No	Yes	Yes	No
BUV7PV	No	Yes	Yes	No	D63X2U	No	Yes	Yes	No
BUWZNV	No	Yes	Yes	No	D7BBAW	No	Yes	Yes	No
BVWECU	No	Yes	Yes	No	DAXMNT	No	Yes	Yes	No
BWG369	No	Yes	Yes	No	DBU8BR	No	Yes	Yes	No
BXBQH3	No	Yes	Yes	No	DEE2KY	No	Yes	Yes	No
BXVK4X	No	Yes	Yes	No	DEHL9U	No	Yes	Yes	No
C2KYUL	No	Yes	Yes	No	DJAX37	No	Yes	Yes	No
C3QDB2	No	Yes	Yes	No	DJCKGX	No	Yes	Yes	No
C3UZQU	No	Yes	Yes	No	DJZCY3	No	Yes	Yes	No
C4GTCW	No	Yes	Yes	No	DKVWL2	No	Yes	Yes	No
C6EUKA	No	Yes	Yes	No	DKWDD7	No	Yes	Yes	No
CDWXJ	No	Yes	Yes	No	DLGVU2	No Interpretations Reported, DNA Analyzed for Database purposes only.			
CE88VT	No	Yes	Yes	No	DMGEVN	No	Yes	Yes	No
CEAKAU	No	Yes	Yes	No	DPA82Q	No	Yes	Yes	No
CFE6NV	No	Yes	Yes	No	DR36NP	No	Yes	Yes	No
CFYB8P	No	Yes	Yes	No	DTZGGE	No	Yes	Yes	No
CGY8UP	No	Yes	Yes	No	DU48H8	No	Yes	Yes	No
CNAM78	No	Yes	Yes	No	DUHTR9	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
DW9R8T	No	Yes	Yes	No	FAVMTB	No	Yes	Yes	No
DXDKQ8	No	Yes	Yes	No	FE44TY	No	Yes	Yes	No
DZJ3P4	No	Yes	Yes	No	FF4F8M	No	Yes	Yes	No
E647RK	No	Yes	Yes	No	FK4T2Q	No	Yes	Yes	No
E7K3JK	No	Yes	Yes	No	FKY8KQ	No	Yes	Yes	No
E8JTXH	No	Yes	Yes	No	FLY7TP	No	Yes	Yes	No
E9UQAE	No	Yes	Yes	No	FM8XN7	No	Yes	Yes	No
EABPMC	No	Yes	Yes	No	FMHWDV	No	Yes	Yes	No
EBV92C	No	Yes	Yes	No	FNR2QJ	No	Yes	Yes	No
ECG4GX	No	Yes	Yes	No	FP6H4W	No	Yes	Yes	No
EEFHPW	No	Yes	Yes	No	FPKTNX	No	Yes	Yes	No
EFYHKX	No	Yes	Yes	No	FPXYUU	No	Inc	Yes	Inc
EGN48Q	No	Yes	Yes	No	FRGCX7	No	Yes	Yes	No
EGU7YM	No	Yes	Yes	No	FTB33K	No	Yes	Yes	No
EHFQT8	No	Yes	Yes	No	FU2499	No	Yes	Yes	No
EN9UXV	No	Yes	Yes	No	FVZ2PW	No	Yes	Yes	No
EUAAR	No Interpretations Reported, DNA Analyzed for Database purposes only.				FW7RBP	No	Yes	Yes	No
EV9C9Z	No	Yes	Yes	No	FZQ78J	No	Yes	Yes	No
F2BM2C	No	Yes	Yes	No	G2ENHW	No	Yes	Yes	No
F3V843	No	Yes	Yes	No	G4RPQX	No	Yes	Yes	No
F7EDLY	No	Yes	Yes	No	G4YMLT	No	Yes	Yes	No
F7VKXA	No	Yes	Yes	No	G4Z999	No	Yes	Yes	No
F9J28H	No Interp	No Interp	No Interp	No Interp	GCDE7R	No	Yes	Yes	No
F9YBPV	No	Yes	Yes	No	GF3GJR	No	Yes	Yes	No
FAKN4L	No	Inc	Yes	Inc	GK43GT	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
GKNNMQ	No	Yes	Yes	No	HEME9D	No	Yes	Yes	No
GNHZA6	No	Yes	Yes	No	HJVVH2	No	Yes	Yes	No
GNRCBV	No	Yes	Yes	No	HKRHWQ	No	Yes	Yes	No
GPK8TV	No	Yes	Yes	No	HLK8JT	No	Yes	Yes	No
GQFNCL	No	Yes	Yes	No	HNEDY4	No	Yes	Yes	No
GQHDFJ	No	Yes	Yes	No	HPX7GD	No	Yes	Yes	No
GRGD XU	No	Inc	Yes	Inc	HU6P86	No	Yes	Yes	No
GTPQ4C	No	Yes	Yes	No	HUCUYN	No	Yes	Yes	No
GUL4PJ	No	Yes	Yes	No	HUG9RG	No	Yes	Yes	No
GUMLTD	No	Yes	Yes	No	HVXNEC	No	Yes	Yes	No
GV2N4R	No	Yes	Yes	No	HWVPMN	No	Yes	Yes	No
GX9BDQ	No	No Interp	Yes	No Interp	HY6XTT	No	Yes	Yes	No
GXAYZV	No	Yes	Yes	No	HYR9J	No	Yes	Yes	No
GXKGJM	No	Yes	Yes	No	HZXWZY	No	Yes	Yes	No
GXN4XE	No	Yes	Yes	No	J3R9XH	No	Yes	Yes	No
GYTPHF	No	Yes	Yes	No	J4Y72V	No	Yes	Yes	No
H2M2FZ	No	Yes	Yes	No	J8LH3L	No	Yes	Yes	No
H4JEGR	No	Yes	Yes	No	J8NWD6	No Interpretations Reported, DNA Analyzed for Database purposes only.			
H6Y6VH	No	Yes	Yes	No	JCGB9L	No	Yes	Yes	No
H7R34P	No	Yes	Yes	No	JD2ECY	No	Yes	Yes	No
H7TQQU	No	Yes	Yes	No	JE6BJG	No	Yes	Yes	No
H83ZEL	No	Yes	Yes	No	JJ7A3L	No	Yes	Yes	No
H9KBUY	No	Yes	Yes	No	JKHZCQ	No	Yes	Yes	No
HCNN9W	No	Yes	Yes	No	JL4CPV	No	Yes	Yes	No
HE3XTB	No	Yes	Yes	No	JN6Y3E	No	No Interp	Yes	No Interp



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
JQDQXW	No	Yes	Yes	No	KKTD37	No	Yes	Yes	No
JRGHR3	No	Yes	Yes	No	KLKPQD	No	Yes	Yes	No
JRJ3P4	No	Yes	Yes	No	KM9H7Q	No	Yes	Yes	No
JUW7LM	No	Yes	Yes	No	KMX6UJ	No	Yes	Yes	No
JY4B6M	No Interp	Yes	Yes	No	KPJRPT	No Interpretations Reported, DNA Analyzed for Database purposes only.			
JY4C4U	No	Yes	Yes	No	KQLG6B	No	Yes	Yes	No
JZCMK4	No	Yes	Yes	No	KQTYFF	No	Yes	Yes	No
JZDBAU	No	Yes	Yes	No	KTF4YU	No	Yes	Yes	No
JZNRTV	No	Yes	Yes	No	KTKNEM	No	Yes	Yes	No
JZZPP2	No	Yes	Yes	No	KUFCVX	No	Yes	Yes	No
K2EDYR	No	Inc	Yes	Inc	KUUGTG	No	Yes	Yes	No
K37YHM	No	No Interp	Yes	No Interp	KVM7FH	No	Yes	Yes	No
K3RK3Q	No	Yes	Yes	No	KVY2DH	No	Yes	Yes	No
K7HGD7	No	Yes	Yes	No	KWBP3Q	No	Yes	Yes	No
K9KEPR	No	Yes	Yes	No	KWUCBD	No	Yes	Yes	No
K9ZRYW	No	Yes	Yes	No	L22LXT	No	Yes	Yes	No
KAW4YW	No	Yes	Yes	No	L386MN	No	Yes	Yes	No
KBZZRM	No	Yes	Yes	No	L64ARP	No	Yes	Yes	No
KC4J9M	No	Yes	Yes	No	L736GP	No Interpretations Reported, DNA Analyzed for Database purposes only.			
KEVNVV	No	Yes	Yes	No	L97TMG	No	Yes	Yes	No
KFBRWZ	No	Yes	Yes	No	L9YFPY	No	Yes	Yes	No
KGTXYP	No	Yes	Yes	No	LAQC6T	No	Yes	Yes	No
KHK8JQ	No	Yes	Yes	No	LAZHAH	No	Yes	Yes	No
KJ8F72	No	Yes	Yes	No	LDDY6M	No	Yes	Yes	No
KKEVBE	No	Yes	Yes	No					

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
LHHAWG	No	Inc	Yes	Inc	MEF98N	No	Yes	Yes	No
LLRBBE	No	Yes	Yes	No	MFCMXN	No	Yes	Yes	No
LMLBK7	No	Yes	Yes	No	MGCJMR	No	Yes	Yes	No
LRH3QG	No	Yes	Yes	No	MH4RGM	No	Yes	Yes	No
LULF6F	No	Yes	Yes	No	MHMJPE	No	Yes	Yes	No
LVKGDR	No	Yes	Yes	No	MHZ3GW	No	Yes	Yes	No
LW3AV2	No	Yes	Yes	No	MKPD8P	No	Yes	Yes	No
LWNPB4	No	Yes	Yes	No	MLAZEC	No	Yes	Yes	No
LWULQG	No	Yes	Yes	No	MMQF27	No	Yes	Yes	No
LY7KHX	No	Yes	Yes	No	MMT6JB	No	Yes	Yes	No
LYGQFK	No	Yes	Yes	No	MQPUNW	No Interpretations Reported, DNA Analyzed for Database purposes only.			
LYRMCX	No	Yes	Yes	No	MQU7CT	No	Yes	Yes	No
LYRMEJ	No	Yes	Yes	No	MR2N93	No	Yes	Yes	No
M2B2FY	No	Yes	Yes	No	MU7VDV	No	Yes	Yes	No
M6FKL8	No	Yes	Yes	No	MUL9PN	No	Yes	Yes	No
M7L9L6	No	Yes	Yes	No	MURMNM	No	Yes	Yes	No
M8PKVM	No	Yes	Yes	No	MW3TZF	No	Yes	Yes	No
M8QWVG	No	Yes	Yes	No	MXDBHZ	No	Yes	Yes	No
M9CDBV	No	Yes	Yes	No	MYAW2K	No Interpretations Reported, DNA Analyzed for Database purposes only.			
MA47GM	No	Yes	Yes	No	MZLMDA	No	Yes	Yes	No
MA8R82	No	Yes	Yes	No	N3DUKC	No	Yes	Yes	No
MBNBH8	No	Yes	Yes	No	N3VW3L	No	Yes	Yes	No
MDG88Z	No	Yes	Yes	No	N4GPPP	No	Yes	Yes	No
MDJFAY	No	Yes	Yes	No	NBP96T	No	Yes	Yes	No
ME9YNK	No	Yes	Yes	No					

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
NCXPHL	No	Yes	Yes	No	PGF9CD	No	Yes	Yes	No
NHEXDN	No	Yes	Yes	No	PGP7EC	No	Yes	Yes	No
NJWXJY	No	Yes	Yes	No	PHDGUQ	No	Yes	Yes	No
NP3HWX	No	Yes	Yes	No	PMCHBM	No	Yes	Yes	No
NP684F	No	Yes	Yes	No	PNLPDF	No	Yes	Yes	No
NPHTGW	No	Yes	Yes	No	PQ7TNR	No	Yes	Yes	No
NPUPBF	No	Yes	Yes	No	PR26WD	No	Yes	Yes	No
NPYVFK	No	Yes	Yes	No	PRMVRL	No	Yes	Yes	No
NR9ZVU	No	Yes	Yes	No	PT9RQJ	No	No Interp	Yes	No Interp
NRR8EB	No	Yes	Yes	No	PVL7NL	No	Yes	Yes	No
NTTHBK	No	Yes	Yes	No	PWH726	No	Yes	Yes	No
NUKZKD	No	Yes	Yes	No	PX9JTH	No	Yes	Yes	No
NXXKYA	No	Yes	Yes	No	PXZXHT	No	Yes	Yes	No
NYVL8M	No	Yes	Yes	No	PYAERE	No	Yes	Yes	No
NZUHJ7	No	Yes	Yes	No	PZKY2V	No	Yes	Yes	No
P34PWK	No	Yes	Yes	No	Q9LEWK	No	Yes	Yes	No
P3AMVP	No	Yes	Yes	No	QA3E9P	No	Yes	Yes	No
P4QBJF	No	Yes	Yes	No	QAF3BA	No	Yes	Yes	No
P6C7HH	No	Yes	Yes	No	QC4MBE	No	Yes	Yes	No
P748HE	No	Yes	Yes	No	QC7AP8	No	Yes	Yes	No
P999DX	No	Yes	Yes	No	QCN4T3	No	Yes	Yes	No
P9BYJM	No	Yes	Yes	No	QCUFMC	No	Inc	Yes	Inc
P9R6RJ	No	Yes	Yes	No	QDN4YF	No	Yes	Yes	No
PADY6L	No	Yes	Yes	No	QER4KM	No	Yes	Yes	No
PFAKCF	No	Yes	Yes	No	QFNXGC	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
QFPZKH	No	Yes	Yes	No	RT9AFL	No	Yes	Yes	No
QFV3CE	No	Yes	Yes	No	RTCWUE	No	Yes	Yes	No
QGDVA4	No	Yes	Yes	No	RVN2U2	No	Yes	Yes	No
QGMYP	No	Yes	Yes	No	RWJELZ	No	Yes	Yes	No
QH6UHA	No	Yes	Yes	No	T6QFDE	No Interpretations Reported, DNA Analyzed for Database purposes only.			
QLE8RA	No	Yes	Yes	No	TA4EP8	No	Yes	Yes	No
QLGVEF	No	Yes	Yes	No	TCQXTQ	No Interpretations Reported, DNA Analyzed for Database purposes only.			
QMGT3F	No	Yes	Yes	No	TCVCER	No	Yes	Yes	No
QN83MG	No	Yes	Yes	No	TE4B6U	No	Yes	Yes	No
QQ8MMR	No	Yes	Yes	No	TFZQF7	No	Yes	Yes	No
QXWUBU	No Interpretations Reported, DNA Analyzed for Database purposes only.				TM673E	No	Yes	Yes	No
QYWCK	No	Yes	Yes	No	TMEQHU	No	Yes	Yes	No
R66DJF	No	Yes	Yes	No	TN44XR	No	Yes	Yes	No
R7DFLE	No	Yes	Yes	No	TP7CGK	No	Yes	Yes	No
RE7QGF	No	Yes	Yes	No	TP9F2H	No	Yes	Yes	No
RFE99J	No	Yes	Yes	No	TPLW94	No	Yes	Yes	No
RGBAMN	No	Yes	Yes	No	TQWYU3	No	Yes	Yes	No
RH2KAA	No	Yes	Yes	No	TRWWBP	No	Yes	Yes	No
RK6YFA	No	Yes	Yes	No	TVFGHH	No	No Interp	Yes	No Interp
RK7C2N	No	Yes	Yes	No	TX87BB	No	Yes	Yes	No
RK7EP8	No	Yes	Yes	No	TXBVDM	No	Yes	Yes	No
RP6EGP	No	Yes	Yes	No	U2GJ37	No	Yes	Yes	No
RQ722G	No	Yes	Yes	No	U3KE4T	No	Yes	Yes	No
RQ7RGC	No	Yes	Yes	No	U3VFRM	No	Yes	Yes	No
RQVP4B	No	Yes	Yes	No					

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
U6YA96	No	Yes	Yes	No	VG3D2A	No	Yes	Yes	No
U6ZYMC	No	Yes	Yes	No	VHYQLG	No	Yes	Yes	No
UBKM3A	No	Yes	Yes	No	VJ3R3D	No	Yes	Yes	No
UCCT8Y	No	Yes	Yes	No	VJB7T9	No	Yes	Yes	No
UCUKFQ	No	Yes	Yes	No	VMBEWH	No	Yes	Yes	No
UCX8UJ	No	Yes	Yes	No	VPEMBN	No	Yes	Yes	No
UD24YR	No	Yes	Yes	No	VQCZUA	No	Yes	Yes	No
UFDXZE	No	Yes	Yes	No	VT3XJR	No	Yes	Yes	No
UFUL9D	No	Yes	Yes	No	VWFVMF	No	Yes	Yes	No
UGJCWR	No	Yes	Yes	No	VX8UW8	No	Yes	Yes	No
UGTURD	No	Yes	Yes	No	VXLKGC	No	Yes	Yes	No
UHQ8DL	No	Yes	Yes	No	VY2KY9	No	Yes	Yes	No
UN3M7L	No	Yes	Yes	No	VY69GL	No	Yes	Yes	No
UPUP4M	No	Yes	Yes	No	VY7L2E	No	Yes	Yes	No
UQA4EH	No Interpretations Reported, DNA Analyzed for Database purposes only.				W36TP4	No	Yes	Yes	No
UQNF4B	No	Yes	Yes	No	W39JHK	No	Yes	Yes	No
UTLD96	No	Yes	Yes	No	W4GWRN	No	Yes	Yes	No
UVQ6ZP	No	Yes	Yes	No	W6YUAD	No	Yes	Yes	No
UVXH9Q	No	Yes	Yes	No	WA2FVH	No Interpretations Reported, DNA Analyzed for Database purposes only.			
UYXC9	No	No Interp	Yes	No Interp	WAXZCN	No	Yes	Yes	No
V2VALA	No	Yes	Yes	No	WFA2UY	No	Yes	Yes	No
V4QF9Y	No	Yes	Yes	No	WH7RGC	No	Yes	Yes	No
V98F7R	No	Yes	Yes	No	WJV7N9	No	Yes	Yes	No
VFEWR2	No	Yes	Yes	No	WLK9UW	No	Yes	Yes	No
VFZVBX	No	Yes	Yes	No					

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
WMFTJG	No Interpretations Reported, DNA Analyzed for Database purposes only.				XNLTNP	No	Yes	Yes	No
WMTPL2	No	Yes	Yes	No	XNQ2F9	No	Yes	Yes	No
WPC8J9	No	Yes	Yes	No	XNTWVZ	No	Yes	Yes	No
WQVLBV	No	Yes	Yes	No	XPRX4D	No	Yes	Yes	No
WUH6EE	No	Yes	Yes	No	XQDPR9	No	Yes	Yes	No
WUUW8V	No	Yes	Yes	No	XQKNAR	No	Yes	Yes	No
WVDJ7D	No	Yes	Yes	No	XT7FDG	No	Yes	Yes	No
WWW8N6	No	Yes	Yes	No	XTGPFM	No Interpretations Reported, DNA Analyzed for Database purposes only.			
WX3ZAJ	No	Yes	Yes	No	XWGGE7	No	Yes	Yes	No
WZF8BV	No	Yes	Yes	No	XY4UFW	No	Yes	Yes	No
WZGKVN	No	Yes	Yes	No	XZYE9N	No	Yes	Yes	No
X6RJZ8	No	Yes	Yes	No	Y2NMT7	No	Yes	Yes	No
X7LNPE	No Interpretations Reported, DNA Analyzed for Database purposes only.				Y34W7P	No Interp	No Interp	No Interp	No Interp
X8XFCH	No	Yes	Yes	No	Y3QHJF	No	Yes	Yes	No
X98PZ9	No	Yes	Yes	No	Y7ACL8	No	Yes	Yes	No
XACW62	No	Yes	Yes	No	Y7BZAD	No	Yes	Yes	No
XAFGVP	No	Yes	Yes	No	Y7L66N	No	Yes	Yes	No
XBY6RB	No	Yes	Yes	No	Y88NEW	No	Yes	Yes	No
XC7HZD	No	Yes	Yes	No	Y8E4DV	No	Yes	Yes	No
XDZ97R	No	Yes	Yes	No	Y8MZ4L	No	Yes	Yes	No
XEABZC	No	Yes	Yes	No	Y92AA9	No	Yes	Yes	No
XF38FZ	No	Yes	Yes	No	Y9PZNR	No	Yes	Yes	No
XHPQGX	No	Yes	Yes	No	YA4BUB	No	Yes	Yes	No
XM4FTD	No	Yes	Yes	No	YAD6VZ	No	Yes	Yes	No
XNKZZZ	No	Yes	Yes	No	YBCKRA	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
YCLRHX	No	Yes	Yes	No	ZGWEAM	No	Yes	Yes	No
YD9XRA	No	Yes	Yes	No	ZKYCKF	No	Yes	Yes	No
YE9V2C	No	Yes	Yes	No	ZLJFMT	No	Yes	Yes	No
YEEFG6	No	Yes	Yes	No	ZM2Y7W	No	Yes	Yes	No
YEJT3F	No	Yes	Yes	No	ZMBPK3	No	Yes	Yes	No
YJA6XC	No	Yes	Yes	No	ZPEC48	No	Yes	Yes	No
YKHH8F	No	Yes	Yes	No	ZPRZCK	No	Yes	Yes	No
YKTX9L	No	Yes	Yes	No	ZQNHAH	No	Yes	Yes	No
YMJZE3	No	Yes	Yes	No	ZQW3U7	No	Yes	Yes	No
YNKD69	No	Yes	Yes	No	ZTZKJ8	No	Yes	Yes	No
YNPQXB	No	Yes	Yes	No	ZVQMPV	No	Yes	Yes	No
YNYQK6	No	Yes	Yes	No	ZWLR74	No	Yes	Yes	No
YP2E9A	No	Yes	Yes	No					
YTQYWZ	No	Yes	Yes	No					
YU2RV9	No	Yes	Yes	No					
YWZYNC	No	Yes	Yes	No					
Z2LECH	No	Yes	Yes	No					
Z3E8Y3	No	Yes	Yes	No					
Z3ENC7	No	Yes	Yes	No					
Z3F2Q7	No	Yes	Yes	No					
Z8K3EW	No	Yes	Yes	No					
Z97T7A	No	Inc	Yes	Inc					
ZAFJ6J	No	Yes	Yes	No					
ZBDKKM	No	Yes	Yes	No					
ZFXEUW	No	Yes	Yes	No					

**DNA Interpretation****Response Summary****Participants reporting DNA results: 680**

*Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?*

	Victim (Item 1)		Suspect (Item 2)	
	<u>Item 3</u>	<u>Item 4</u>	<u>Item 3</u>	<u>Item 4</u>
Yes	<b>0</b>	<b>634</b>	<b>650</b>	<b>0</b>
No	<b>649</b>	<b>0</b>	<b>0</b>	<b>634</b>
Inc	<b>0</b>	<b>8</b>	<b>0</b>	<b>8</b>
No Interpretation	<b>4</b>	<b>11</b>	<b>3</b>	<b>11</b>
No Response	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>

**Participants analyzing DNA for database purposes only: 24**



# Additional Comments

## TABLE 8

WebCode	Additional Comments
22QRXJ	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. 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 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. The profile for item #2 was interpreted using both Investigator 24plex QS and Minifiler kits. Allele calls from both kits were used so additional alleles may be present.
23ZWC8	NR = No results
24TVJD	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 item 03. 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.
29CVWF	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the $\geq 99\%$ 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).
2FEZR6	Part II [Table 2: STR Amplification Kit(s) & Results] allele entry definition: NR = No Results
2FHVYU	Reporting results with stutter filters on
2FYNGD	NR = No results
2JAVAC	Male screening was performed using the Plexor HY Quantification Kit on items 3 and 4. 01-03 : towel from the car (Item 3) - Male DNA was detected on this item utilizing the Plexor HY Quantification kit. 01-04 : shirt from the Female victim (Item 4) - No male DNA was detected on this item utilizing the Plexor HY Quantification kit.
2KCLKJG	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.
2P8P2J	Reporting STRmix results with stutter filters on
2QZB9A	NR = No Results
2TBCQG	For powerplex Fusion results, DYS391 is reported as INC as per our laboratory policy. For all samples tested, any labeled peaks that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparison.
2UBM67	NR = No Results
342HQ8	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.
3846EA	NR = no result
3AJMB8	Item 4 was also amplified using Minifiler and concordant results were obtained between Minifiler and Globalfiler.
3FLWFE	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.

TABLE 8

WebCode	Additional Comments
3T2GKV	NR= No Results. { }= imbalanced alleles.
3W7HMX	Reporting with stutter filters on.
49CX4M	The GlobalFiler STR data reported at locus D18S51 for item 4 is based upon a binary mixture interpretation which included peaks in the "14" and "17" positions. The 14 and 17 alleles were originally filtered as stutter, but included in the mixture interpretation as possible alleles, resulting in 14,15; 14,18; 15,15; 15,17; 15,18; 17,18; and 18,18 as possible genotypes for one of the contributors. Therefore, the 14 and 17 alleles are included in the table [Table 2: STR Amplification Kit(s) & Results] on page 6. Similarly, the GlobalFiler STR data reported at locus D5S818 for item 4 included a peak in the "10" position. The 10 allele was originally filtered as stutter, but included in the mixture interpretation as a possible allele, resulting in 10,11 and 11,11 as possible genotypes for one of the contributors. Therefore, the 10 allele is included in the table [Table 2: STR Amplification Kit(s) & Results] on page 6.
4J7CTZ	STRMIX was used for the interpretation of the mixture results obtained from Item 4. Number of contributors was 2. The estimated mixture ratio calculated was 55:45, with the victim included as a possible contributor to the 45% contribution.
4L6JL4	Minifiler was also used to amplify item 3. Concordant results were obtained for item 3 between Globalfiler and Minifiler.
4M8FM9	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.
4RDT88	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).
4T8JBZ	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).
4TYM83	E-grams provided to analyst. Analyst made interpretations and conclusions.
4VZN8Y	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.
4WKBYR	reported with stutter filters on
4ZU2V4	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
62P7X2	No interpretation - Only known samples tested. There are no evidentiary items for comparison at this time. [Laboratory] will retain the mitochondrial DNA profiles for K1 (Item 1) and K2 (Item 2) if at any point evidentiary samples should become available for comparison.
6DAAXY	[ ] - indicates minor allele/s and alleles between analytical and stochastic thresholds. NA - Not Applicable.
6DJQRR	DYS391 is reported as INC for all samples tested per lab policy.
6ETCBK	Items 1 and 2 were processed for STR database purposes only. Items 3 and 4 were not processed for STR analysis. Items 1,2,3, and 4 were processed for mtDNA analysis. A mixed mtDNA profile was obtained from Item 4 and the data is not reported because there is no validated protocol for the deconvolution of a mixed mtDNA profile.
6GYV33	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).
6LZ494	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.
6RXTNH	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.
6X8EZX	NR = No Results
6XQV32	No interpretation - Only known samples tested. There are no evidentiary items for comparison at this time. [Laboratory] will retain the mitochondrial DNA profiles for (Item 1) and K2 (Item 2) if at any point evidentiary samples should become available for comparison.
77XUAG	P30/PSA testing was performed on items 3.0 and 4.0 in order to determine if these items were to be processed as a differential or non-differential. Both items were P30/PSA negative.
78Q9RK	DYS391 is reported as INC for all samples tested per lab policy.
7A7ABZ	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.
7ANDRD	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. 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 2 was interpreted using both the Qiagen Investigator 24plex and Minifiler kits.

TABLE 8

WebCode	Additional Comments
7D9DV3	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).
7KCK3U	Mixture of DNA was obtained from item 4. Any labeled peaks that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparison. DYS391 location was deemed inconclusive per lab protocol. Length heteroplasmy was seen in the HVII region of items 2 and 3.
7L6ERZ	Mitochondrial and Y-STR testing are not performed at this laboratory. Analysis was performed with stutter filters on.
7R23WX	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.
7T7NXT	NR=No Results; Forensic Biologist performed screening tests. DNA analyst performed KM testing on item #3 and #4.
7WVTBW	Reporting with Stutter Filters on
82CEX3	NR = No result
87CYFY	Extraction : Item 3 and Item 4 were extracted using Prepfiler Extraction Kit. 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 Y-Filer 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, Item 3 and Item 4 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.
87PANZ	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).
8B294Y	NR = No Result
8BK4UY	{ } = imbalanced alleles
8DNR6W	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).
8DZHY8	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.
8FJAFW	No interpretation - Only known samples tested. There are no evidentiary items for comparison at this time. [Laboratory] will retain the mitochondrial DNA profiles for K1 (Item 1) and K2 (Item 2) if at any point evidentiary samples should become available for comparison.

TABLE 8

WebCode	Additional Comments
8GTPZ3	[Laboratory] reports mixtures as INC. NR/NE means no results/not expected. NA means not applicable, not tested.
8H9ZYV	reporting with stutter filters on
8KBGX6	NR = no typing results
8P4Z34	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.
8PUYN9	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.
8R989W	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).
8RGHP7	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 item 3.
8WP3A	NR = no result
8Y3GCZ	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).
8ZBQAW	This analyst is not trained in species determination following presumptive blood testing positive results. Therefore, species determination testing was not conducted on Item 3 and Item 4 submitted. This analyst is not trained in DNA interpretation techniques.
9444FT	reporting with stutter filters on
97NRET	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
99X8YY	"NR/NE" means no results/not expected. INC=inconclusive. NA= not applicable. [Laboratory] reports mixtures as inc.
9FQ67V	The designation "NR" (No Results) was used to record the results at loci DYS391 and Y Indel for items 1 and 4 according to DNA unit SOPs
9L3CER	NR = no results
9MUD36	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
9UVTKM	Reporting results with stutter filters on
9WDF6Q	Biology portion done by [Name]. The amylase diffusion test is a presumptive test for amylase, an enzyme found in body fluids including saliva. Reference standards processed in DNA by DNA Technician [Name]. Data entered by DNA analyst [Name]. Unknown samples were not processed because the DNA Technician has not yet completed competency testing for these methods. No interpretations were performed. [Name]
9WURMW	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).
9YL77L	ND = not detected
9YNDH9	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).
9ZADZA	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
AANR6V	Note: ^ indicates peak below stochastic threshold in genotyping results as per [Laboratory] policy
ABB2TY	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).
ABZ263	NR = No Result
AEADLD	The [Laboratory] does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests.
AF44RR	STR analysis performed on Items 1 and 2 for DNA database proficiency. No additional testing or comparisons performed.
AFQCEZ	Fusion and Yfiler were performed on Item 2 and Item 3. Results were concordant at DYS391. Fusion and Minifiler were performed on Item 3. Results were concordant at all overlapping loci.
AGJT94	[ ] - indicates minor allele/s and alleles between analytical and stochastic thresholds
AUZ89A	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. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid in 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. Profiles from Item 2 were interpreted using both Investigator 24plex QS and Minifiler kits. Allele calls from both kits were used so additional alleles may be present.
AV9QNW	Male screening sample preparation, laboratory processing, and interpretation were performed by this analyst.
B3T3JD	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modeling 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.

TABLE 8

WebCode	Additional Comments
BDGCLJ	Per internal lab policy, DYS391 is reported as INC with the PowerPlex Fusion STR kit. Additional peaks detected in items 3 and 4 and not reported on this form are likely due to PCR/STR artifacts. These peaks will not be reported and will not be used for conclusions or comparisons.
BGMFHJ	DYS391 is reported as INC for all samples tested per lab policy. For all samples tested, any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
BPGXWP	reporting with stutter filters on
BU3N9Z	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.
BYNJC6	Male screening was performed on items 3 and 4 using 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.
C2KYUL	NR- No Results. {}=Imbalanced Alleles.
C3QDB2	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: Exhibit 1, 16 allele at vWA.
C3UZQU	NR = No results
C4GTCW	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
CDVWXJ	ND = not detected
CEAKAU	1. In-situ extraction method was used to extract DNA from Item 1 and Item 2. 2. Chelex extraction method was used to extract DNA from Item 3 and Item 4. 3. DNA quantification was carried out using Quantifiler Human DNA Quantification Kit with Applied Biosystems Real Time polymerase Chain Reaction (PCR) 7500 System. 4. Amplification of STR (Short Tandem Repeat) Genetic Loci was carried out using the AmpFISTR Identifiler Direct and Plus PCR Amplification Kit. 5. Amplification of Y-STR (Short Tandem Repeat) Genetic Loci was carried out using AmpFISTR Y-filer PCR Amplification Kit. 6. Capillary electrophoresis was carried out using the Applied Biosystems 3500xl Genetic Analyzer with Genemapper ID-X Software. 7. Quality controls (reagent blank, positive control and negative control) were carried out throughout the analysis and all gave the intended results.
CFYB8P	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
CNXF7N	DYS391 is reported as INC for all samples tested per lab policy. For all samples tested, any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.

TABLE 8

WebCode	Additional Comments
CP2LK7	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).
CREFTV	Extraction: Item 1 and Item 2 were extracted using in-situ method while Item 3 and Item 4 were extracted using the Chelex extraction method. Quantification: Item 3 and Item 4 were quantified using the Quantifiler Human DNA Quantification kit on the Applied Biosystem Real Time Polymerase Chain Reaction (PCR) 7500 system. Amplification: Item 1 and Item 2 were amplified using the AmpFISTR Identifiler Direct PCR Amplification kit while Item 3 and Item 4 were amplified using the AmpFISTR Identifiler Plus PCR Amplification kit on the 9700 GeneAmp PCR System. Y-STR (Y-Short Tandem Repeat) amplification was carried out on Item 2 and Item 3 using the AmpFISTR Y-filer PCR Amplification kit on the 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis was carried out on the Applied Biosystems 3500xl Genetic Analyzer with GeneMapper ID-X Software for Item 1 and Item 2 (Identifiler Direct), Item 3 and Item 4 (Identifiler Plus). Electrophoresis for Y-Filer was carried out on the Applied Biosystems 3500xl Genetic Analyzer with GeneMapper ID-X Software for Item 2 and Item 3. Quality Control: Reagent blank, positive control and negative control were carried out throughout the analysis and all gave intended results.
D63X2U	Extraction; Item 1 and Item 2 extracted using in-situ method. Item 3 and Item 4 extracted using DNA IQ Kit via Tecan Freedom Evo 150. Quantification: Item 3 and Item 4 quantified using ABI Quantifiler Human DNA Quantification Kit on ABI QuantStudio 5 Real-Time PCR System. Amplification; Item 1 and Item 2 amplified using AmpFLSTR Identifiler Direct PCR Amplification Kit. Item 3 and Item 4 amplified using AmpFLSTR Identifiler Plus PCR Amplification Kit. Item 2, Item 3 and Item 4 were further amplified using AmpFLSTR Yfiler PCR Amplification Kit - All the amplification process carried out on ABI GeneAmp PCR System 9700. Electrophoresis; Electrophoresis carried out on ABI 3500xL Genetic Analyzer for Item 1, Item 2, Item 3 and Item 4 (Identifiler Direct and Identifiler Plus Kit). Electrophoresis were carried out on ABI 3130xL Genetic Analyzer for Item 2, Item 3 and Item 4 (Y-Filer Kit). Quality Control; Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave expected results.
D7BBAW	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.
D7LQB4	Male screening was performed using the Plexor HY Quantification Kit on items 3 and 4. 01-03 : stain from suspect's towel (Item 3) - Male DNA was detected on this item utilizing the Plexor HY Quantification kit. 01-04 : stain from victim's shirt (Item 4) - No male DNA was detected on this item utilizing the Plexor HY Quantification kit.
DBU8BR	Reporting with stutter filters on.
DJCKGX	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).
DJZCY3	location DYS391 reported as "INC" as per laboratory protocol. For all samples tested, any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
DKWDD7	Reporting STRmix results with stutter filters on
DPA82Q	Reporting results with stutter filters on.



TABLE 8

WebCode	Additional Comments
DR36NP	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.
DXDKQ8	NR = no result
EEFHPW	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.
EGN48Q	NR= NO RESULTS
EGU7YM	Reporting with Stutter Filters on.
EHFQT8	NR = no results. NA = not applicable.
F3V843	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.
F9J28H	Analyst is only qualified to perform lab work/DNA analysis on known samples (Items 1 and 2). Therefore no comparisons performed. No DNA analysis on questioned stains (Items 3 and 4). Screening only performed on items #3 and #4.
FAKN4L	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
FLY7TP	Reporting results with stutter filters on
FNR2QJ	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.
FPXYUU	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
FVZ2PW	NR = No Results. Y Screening performed on items 3 and 4
FZQ78J	DNA Analyst performed additional KM testing (#3 and #4 positive KM). Forensic Biology analyst performed serology testing
G4RPQX	Item 4 is a mixture of 2 contributors with a mixture ratio of 57:43.
GCDE7R	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
GF3GJR	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
GKNNMQ	Concordant results were obtained with Globalfiler and Minifiler for Item 4.
GLFLVX	Items 3 (suspect towel) and 4 (victim shirt) were run for male screening analysis using the Plexor HY Quantification kit. Male DNA was detected on item 3 (suspect towel) utilizing the Plexor HY Quantification kit. Male DNA was not detected on item 4 (victim shirt) utilizing the Plexor HY Quantification kit.
GRGDUX	Item 04A is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
GUMLTD	Any labeled peaks seen in stain from suspect's towel (item 3) and stain from victim's shirt (item 4) that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. As per laboratory policy, DYS391 is not interpreted (INC) in Fusion.
GV2N4R	1. In-situ extraction method was used to extract DNA from Item 1 and Item 2. 2. Chelex extraction method was used to extract DNA from Item 3 and Item 4. 3. DNA quantification was carried out using Quantifiler Human DNA Quantification kit with Applied Biosystem Real Time Polymerase Chain Reaction (PCR)7500 System. 4. Amplification of STR (Short Tandem Repeat) Genetic Loci was carried out using the AmpFISTR Identifiler Direct and Plus PCR Amplification Kit. 5. Amplification of Y-STR (Short Tandem Repeat) Genetic Loci was carried out using the AmpFISTR Y-filer PCR Amplification Kit. 6. Capillary electrophoresis was carried out using the Applied Biosystems 3500XL Genetic Analyzer with Genemapper ID-X Software. 7. Reagent blank, positive control and negative control were carried out throughout the analysis and all gave the intended results.
GX9BDQ	NR/NE = No Results/Not Expected. INC = Inconclusive. NA= Not Applicable. The [Laboratory] reports mixtures as Inconclusive (INC), therefore, no interpretation was made between Item 1 and Item 4 and between Item 2 and Item 4.
GXN4XE	P30/PSA testing was performed and resulted in negative on items 3.0 and 4.0. Therefore, Non-differential extractions were conducted for both evidence samples.
H6Y6VH	Item 3 - A single source DNA profile was recovered from Item 3. The single source profile matched the reference DNA profile of Item 2. The DNA evidence is greater than 100 billion times more likely if Item 2 is the donor. Item 4 - A mixed DNA profile consistent with coming from two individuals was recovered from Item 4. The DNA evidence is 1 billion times more likely if Item 1 was a contributor. Item 2 is excluded as a contributor.
H7R34P	NR = No Result
H7TQQU	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.
H9KBUY	NR = no results
HKRHWQ	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).
HLK8JT	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotyping weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
HUCUYN	NR = no result, ** = may be attributed to elevated stutter

TABLE 8

WebCode	Additional Comments
HVXNEC	PowerPlex Fusion and Yfiler amplification kits were used to test items 2 and 3, and the results were concordant at the DYS391 locus. In PowerPlex Fusion, DYS391 is reported as INC per lab policy. For all samples tested, any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
HY6XTT	MiniFiler was used to amplify item 4. Concordant results were obtained with GlobalFiler and MiniFiler at all shared loci.
HZXWZY	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. Item4: 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.
J4Y72V	The taker of this test does not perform lab work but only conducts probabilistic genotyping of STR DNA data with the TrueAllele Casework System. Screening tests and processing of the YSTR data were not conducted by the taker of this test.
J8LH3L	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).
JL4CPV	NR = No results
JN6Y3E	Item 4 presented as a mixture. The laboratory does not perform mixture interpretation. Item 4 was reported without interpretation.
JQDQXW	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).
JRGHR3	Reporting STRmix results with stutter filters on
JY4B6M	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.
JY4C4U	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).
JZCMK4	reporting results with stutter filters on
JZNRTV	NR = no results detected
K2EDYR	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
K37YHM	NR/NE = No Results/Not Expected. NA = Not Applicable. INC = Inconclusive. [Laboratory] reports mixtures as inconclusive and therefore no interpretation was made between Item 4 and Item 1 and Item 2.

TABLE 8

WebCode	Additional Comments
K9ZRYW	DYS391 is reported as INC for all Fusion samples per lab policy. A mixture of DNA was obtained from item 4. Any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
KAW4YW	NR = No Results
KBZZRM	Items 3 and 4 were also analysed using MiniFiler and consistent results were obtained at the DNA sites in common. Items 3 and 4 were also analysed using Identifiler Plus under low copy number conditions. Where profiling results were obtained from this additional analysis, these were consistent with the standard Identifiler results.
KC4J9M	NR = no results
KDUUYF	Male screening sample preparation and laboratory processing were performed by [Name]. Interpretation was performed by this analyst.
KKEVBE	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).
KLKPQD	NT= Not Tested. NR= No Results. {} = imbalanced alleles.
KLQKNW	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.
KM9H7Q	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).
KMX6UJ	Reporting results with stutter filters on.
KTKNEM	Extraction: Item 1 and Item 2 were extracted using in situ method. Item 3 and Item 4 was extracted using DNA IQ Kit on Tecan Freedom 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 AmpFLSTR Identifiler Direct Kit. Item 3 and Item 4 were amplified using AmpFLSTR Identifiler Plus PCR Amplification Kit on ABI GeneAmp PCR System 9700. Item 2, Item 3 and Item 4 were amplified using AmpFLSTR Yfiler PCR Amplification Kit on ABI GeneAmp PCR System 9700. Electrophoresis: Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 1, Item 2, Item 3 and Item 4. Electrophoresis were carried out on ABI 3130xL Genetic Analyzer for Item 2, Item 3 and Item 4 (Y-Filer Kit). Quality Control: Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave intended results.
KVY2DH	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.
KZCXZ8	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.
L64ARP	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
LDDY6M	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).
LHHAWG	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not report mtDNA mixtures.
LWULQG	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.
LYGQFK	NR = no results
LYRMCX	Reporting STRmix results with stutter filters on.
M2B2FY	Reporting STRmix results with stutter filters on.
M7L9L6	DYS391 for Fusion is reported as INC per lab policy.
M8PKVM	Items 3 and 4 in the CTS test are designated as Item 3.1 and 4.1, respectively in the associated file. Q and S were appropriately called in all samples tested as well as associated controls. 100% weighting at all loci for Item 3: Neither stutter peaks nor "Q"s are considered in the genotypes listed for Item 4.1, and therefore will not be added to the Item 4 tab: STRmix was used for Items 1 and 2 for reference export only: STRmix was used for Items 3 and 4 deconvolution and/or statistics, when applicable
M9FM2B	Biology Screening Only. The amylase diffusion test is a presumptive test for the presence of amylase (an enzyme found in body fluids, including saliva).
MCEXWB	FOR BIOLOGY SCREENING ONLY. The amylase diffusion test is a presumptive test for an elevated level of amylase, not saliva. If detected, this may indicate the presence of saliva.
ME9YNK	NR = not results
MFCMXN	Item 3: the envelope for this item was not sealed upon receipt.
MHMJPE	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).
MMQF27	DYS391 is reported as INC for all samples tested per lab policy. For all samples tested, any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
MUL9PN	NR = No Results. NID=No interpretable data. Y-screening results: male DNA was indicated on item 3. Male DNA was not indicated on item 4.
MURMNM	1. Extraction: Item 1 and Item 2 were extracted using in-situ method while Item 3 and Item 4 were extracted using TECAN EVO FREEDOM extraction method. 2. Quantification: Item 3 and Item 4 were quantified using Quantifiler Human DNA Quantification Kit. 3. Amplification: Item 1 and Item 2 were amplified using AmFISTR Identifiler Direct STR Kit while Item 3 and Item 4 were amplified using AmFISTR Identifiler Plus STR Kit on 9700 GeneAmp PCR System. Y-STR amplification was carried out on Item 2, Item 3 and Item 4 using AmFISTR Y-Filer kit on 9700 GeneAmp PCR System. 4. Electrophoresis: Electrophoresis was carried out on Genetic Analyzer 3500xL for Item 1 and Item 2 (Identifiler Direct), Item 3 and Item 4 (Identifiler Plus). Electrophoresis for Y-Filer was carried out on Genetic Analyzer 3130xL for Item 2, Item 3 and Item 4. 5. Quality Control: Reagent blank, Positive control and Negative control were carried out through analysis and gave all intended results.

TABLE 8

WebCode	Additional Comments
MZLMDA	NR denotes No Results for Y Indel & DYS391 of items 1 & 4
N9RRMC	Male screening sample preparation and laboratory processing were performed by [Name]. Interpretation was performed by this analyst.
NCXPHL	NR = No result. DNR- Did not report. Item # 4 for mitochondrial DNA(mtDNA) testing was a mixture. We do not interpret mtDNA mixtures. Interpretations based on nuclear DNA results.
NJWXJY	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.
NP3HWX	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.
NP684F	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).
NPUPBF	Reporting results with stutter filters on.
NPYVFK	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).
NR9ZVU	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).
NRR8EB	item 3 and 4 were analysed using Minifiler and Identifiler Plus. where present these were concordant with the Identifiler typings for these samples.
NTTHBK	Identifiler Plus and MiniFiler were performed on Item 4. Results were concordant at all overlapping loci.
P3AMVP	N/R indicates no typing results for a locus. N/T indicates the locus was not tested
P6C7HH	NOTE: Item 2 - YFiler Plus - there is imbalance between alleles at DYS385 (64%)
P748HE	Data analyzed in GMIDX with stutter filters on. This laboratory does not perform Y-STR or Mitochondrial DNA testing.
P999DX	Reporting STRmix results with stutter filters on.
P9BYJM	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).
P9R6RJ	NR- No Interpretable Result

TABLE 8

WebCode	Additional Comments
PFAKCF	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.
PGF9CD	^ indicates allele below stochastic threshold. NR = No results.
PGP7EC	Note: DNA results obtained at loci TH01 and D21 for item 3 (PP21 analysis) gave ambiguous genotypes and thus were not reported
PT9RQJ	NR/NE = NO RESULTS/NOT EXPECTED. ITEM 4 is inconclusive because [Laboratory] does not interpret mixtures.
PX9JTH	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).
QAF3BA	Male screening sample preparation and laboratory processing were performed by another analyst. Interpretation was performed by this analyst. Male screening was performed on item 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. Y-STR sample preparation and laboratory processing were performed by another analyst. 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 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.
QC4MBE	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).
QCUFMC	Item 4 is being reported as inconclusive due to an observed mtDNA mixture. This laboratory does not interpret mtDNA mixtures.
QDN4YF	NT= Not tested. NR= No results
QGMYP	Item 4, using STRmix, 41:59 mixture.
QH6UHA	A single source DNA profile was obtained from item 3. Any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons. For PowerPlex Fusion 5C results for all items tested, the DYS391 locus is interpreted as "INC" per laboratory policy.
QQ8MMR	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).
QYVCK	Minifiler results concordant with Investigator 24plex results.
R66DJF	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).
RH2KAA	reporting with stutter filters on
RQ722G	NR = No Results

TABLE 8

WebCode	Additional Comments
RQ7RGC	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.
RQVP4B	Reporting with stutter filters on.
RTCWUE	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).
RVN2U2	A mixture of DNA was obtained from item 4. Any labeled peaks that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparison. DYS391 location was deemed INC per laboratory protocol.
T6QFDE	NR/NE means no results/not expected. [Laboratory] reports mixtures as inconclusive(INC).
TE4B6U	The [Laboratory] does not provide an allele table in the report; therefore, this procedure is used only for reporting the results of proficiency tests.
TFZQF7	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).
TN44XR	Reporting STRmix results with stutter filters on
TP9F2H	Conducted amplification and typing from Y-screen lysate for Items 3 and 4. PowerPlex Y23 sample processing was conducted on the following items: Item 2 and Item 3. Y-STR analysis and interpretation was not conducted. NR = no result, NID = no interpretable data.
TRWWBP	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).
TVFGHH	NR/NE = "No Results/Not Expected". NA = Not applicable (Not Tested). Item 4 is "INC" (Inconclusive), as we do not interpret mixtures.
TXBVDM	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".
TXPZB8	Did not screen Items 3 and 4 for semen due to provided case scenario. This was a Biology Screening Test only.
U2GJ37	NR = No results
U3KE4T	Reporting STRmix results with stutter filters on.
UCUKFQ	The following exhibit was inconclusive for the presence of amylase due to the faint red color of the supernatant: 4.
UCX8UJ	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
UFUL9D	KM was done by both DNA Analyst and Forensic Biologist. Other screening tests were done by Forensic Biologist. HT = Hematrace. NR = No Results.
UGTURD	NR = No Results
UQA4EH	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.
UTLD96	NR = denotes no results, used at loci DYS391 and Y Indel for items 1 and 4.
UYXC9	Per [Laboratory] interpretation guidelines, all mixtures are reported as inconclusive; therefore, no interpretation was made between items 1 and 4 and between 2 and 4. INC = inconclusive. NE/NR = not expected/no results. NA = not applicable.
V2VALA	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).
V98F7R	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.
VFZVBX	A single source DNA profile was obtained from sample: questioned stain from suspect's towel (yellow). Any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons. A mixture of DNA was obtained from sample: questioned stain from victim's shirt (blue). Any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons. DYS391 locus for all samples (item 1-4) is reported as INC as per laboratory policy.
VQCZUA	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).
VX8UW8	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.
VY2KY9	NR = No Result
VY69GL	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).
VY7L2E	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.
W36TP4	[ ] - indicates minor allele/s and alleles between analytical and stochastic thresholds

TABLE 8

WebCode	Additional Comments
W39JHK	DYS391 is reported as INC for all PowerPlex Fusion samples tested per laboratory policy. For all samples tested, any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
WFA2UY	Items 3 and 4 were PSA tested to determine whether the samples should be sent differential or non-differential.
WJV7N9	Reporting results with stutter filters on
WLK9UW	Probabilistic genotyping (STRmix) was used for data analysis with stutter unfiltered. All alleles deemed possible for any contributor to the mixture has been reported. With probabilistic genotyping, stutter alleles are considered as either allelic or stutter during the deconvolution of samples. Sometimes, this results in true stutter peaks being reported as possible alleles. In addition probabilistic genotyping considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the result.
WPC8J9	NR = No Results
WVDJ7D	reporting with stutter filters on
WZGKVN	NR = No Result
X6RJZ8	DNA profile of item 3 was found similar to DNA profile from suspect. DNA profile of item 4 contain at least 2 person which match to victim and another female profile.
X8XFCH	STRMix mixture proportions for item 4 were 44:56.
XACW62	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).
XAFGVP	The [Laboratory] does not provide an allele table in the report; therefore, this procedure is used only for reporting the results of proficiency tests.
XBY6RB	Item 4 was amplified in Identifiler Plus and MiniFiler. The data is concordant at the overlapping loci.
XC7HZD	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).
XPRX4D	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).
Y3QHJF	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. 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 item 3.
Y7ACL8	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.
Y7BZAD	Minifiler was also used to amplify item 4. Concordant results were obtained with GlobalFiler and Minifiler for this item.
Y8E4DV	DYS391 is reported as INC for all samples tested per lab policy.

TABLE 8

WebCode	Additional Comments
Y92AA9	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).
YAD6VZ	NR = No Result. Probabilistic software used = STRmix.
YD9XRA	Minifiler was also used to amplify item 2. Concordant results were obtained for all loci for GlobalFiler and Minifiler.
YEFG6	Reporting with stutter filters on.
YP2E9A	1. Extraction: Item 1 and Item 2 were extracted using in-situ method while Item 3 and Item 4 were extracted using TECAN EVO FREEDOM extraction method. 2. Quantification: Item 3 and Item 4 were quantified using Quantifiler Human DNA Quantification kit. 3. Amplification: Item 1 and Item 2 were amplified using AmFISTR Identifiler Direct STR Kit while Item 3 and Item 4 were amplified using AmFISTR Identifiler Plus STR Kit on 9700 GeneAmp PCR System. Y-STR amplification was carried out on Item 2, Item 3 and Item 4 using AmFISTR Y-Filer kit on 9700 GeneAmp PCR System. 4. Electrophoresis: Electrophoresis was carried out on Genetic Analyzer 3500xl for Item 1 and Item 2 (Identifiler Direct), Item 3 and Item 4 (Identifiler Plus). Electrophoresis for Y-Filer was carried out on Genetic Analyzer 3130xl for Item 2, Item 3 and Item 4. 5. Quality control: Reagent blank, Positive control and Negative control were carried out through analysis and all gave intended results.
YWZYNC	Item 4 was also amplified using MiniFiler®. All alleles were concordant with GlobalFiler®.
Z97T7A	Item 4 is being reported as inconclusive due to mixtures.
ZAFJ6J	The victim (item 1) "could" be a contributor to the mixture in item 4 and is marked as such for this proficiency. Per our SOP interpretation guidelines, the mixture in item 4 would be reported in casework as inconclusive due to one of the contributors being an unknown and the minor/major ratio above 60%.
ZGWEAM	P30/PSA testing was performed on Items 3 and 4 to determine if differential or non-differential extractions should be performed. Both items were P30/PSA negative.
ZKYCKF	NR = No DNA typing results
ZM2Y7W	Reporting results with stutter filters on.
ZMTPD6	Genotype data was not entered for this proficiency because this analyst is only qualified/authorized to process samples through extraction at this time. Additionally, this analyst is qualified to prepare non-differential samples for extraction using an automated workflow. The evidence samples were prepared in this manner for this proficiency while the known samples were extracted using a manual method.
ZQW3U7	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 alleles.
ZTZKJ8	NR=no results. Screening tests completed by Forensic Biologist. KM testing completed by Forensic Biologist and DNA Analyst

-End of Report-  
(Appendix may follow)

Collaborative Testing Services ~ Forensic Testing Program

**Test No. 19-5702: Forensic Biology**

DATA MUST BE SUBMITTED BY **May 6, 2019, 11:59 p.m.** TO BE INCLUDED IN THE REPORT

Participant Code: U1234D

WebCode: PTHK8

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

**Scenario:**

Police are investigating a possible assault of a female victim. The victim claims that her ex-husband and his girlfriend came into her house to reclaim some of his belongings. After an argument between the victim and the male suspect, a fight between the two females broke out. Then the male suspect pushed the victim causing her to fall and hit her head, knocking her unconscious. Police apprehended the male suspect but have been unable to locate the female suspect. Investigators are submitting a stain from a towel (Item 3) found in the male suspect's car and a stain from the shirt (Item 4) the victim 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 suspect's towel (yellow)

Item 4: Questioned stain from victim'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)