



## **Forensic Biology Test No. 20-5705 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 720 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. Items 1 (75  $\mu$ l) and 3 (50  $\mu$ l) were created using blood collected from the same female donor. Items 2 (75  $\mu$ l) and 4 (50  $\mu$ l) were created using blood collected from the same male donor. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on September 8, 2020 following completion of the verification stage.

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

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

## Manufacturer's Information, continued

### Amelogenin and STR Results

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

Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
1	17.3,17.3	19,20	10,11.3	16,16	8,11	*
	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17	NM	NM	NM	NM	
2	14,19.3	17,20	11,12.3	16,18	11,12	*
	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19	2	
3	17.3,17.3	19,20	10,11.3	16,16	8,11	*
	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17	NM	NM	NM	NM	
4	14,19.3	17,20	11,12.3	16,18	11,12	*
	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19	2	

### YSTR Results

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

Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11	11	22	19	18	21	13	12
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11	11	22	19	18	21	13	12

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

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

## Manufacturer's Information, continued

### Mitochondrial DNA Sequencing Results

#### **Nucleotide Ranges Tested**

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

<u>Item</u>	<u>HVR-II</u>	<u>HVR-I</u>
<b>1</b>	<b>73-340</b>	<b>16024-16365</b>
<b>2</b>	<b>73-340</b>	<b>16024-16365</b>
<b>3</b>	<b>61-366</b>	<b>16024-16374</b>
<b>4</b>	<b>62-365</b>	<b>16024-16374</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.

	73.0	146.0	152.0	214.0	235.0	263.0	309.1	309.2	315.1	523.0	524.0	16083.0	16111.0	16223.0	16256.0	16290.0	16319.0	16362.0
<b>ITEM 1</b>	G	C	C	G	G	G	C	C	C	Del	Del	T	T	T	T	T	A	C

	73.0	146.0	153.0	235.0	263.0	309.1	315.1	523.0	524.0	16111.0	16223.0	16290.0	16319.0	16362.0
<b>ITEM 2</b>	G	C	G	G	G	C	C	Del	Del	T	T	T	A	C

	73.0	146.0	152.0	214.0	235.0	263.0	309.1	309.2	315.1	16083.0	16111.0	16223.0	16256.0	16290.0	16319.0	16362.0
<b>ITEM 3</b>	G	C	C	G	G	G	C	C	C	T	T	T	T	T	A	C

	73.0	146.0	153.0	235.0	263.0	309.1	315.1	16111.0	16223.0	16290.0	16319.0	16362.0
<b>ITEM 4</b>	G	C	G	G	G	C	C	T	T	T	A	C

## **Summary Comments**

The 20-5705 Forensic Biology test was designed to allow participants to assess their proficiency in the identification and comparison of dried stains by means of body fluid screening and/or DNA profiling. Participants were supplied with two "known" bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Items 1 and 3 were created using blood from the same female donor. Items 2 and 4 were created using blood from the same male donor. (See Manufacturer's Information for preparation details)

Data were returned by 720 participants.

### Screening Test Results:

Screening results were returned by a total of 630 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 622 participants that returned results reported "Positive" for the presence of blood. All but three of the 386 participants that returned results for semen reported "Negative" results. These three participants reported "Inconclusive" results. For the presence of saliva, all but one of 109 participants that returned results reported "Negative" results. This participant reported "Inconclusive" results.

For Item 4, all 622 participants that returned results reported "Positive" for the presence of blood. All but three of the 399 participants that returned results for semen reported "Negative" results. These three participants reported "Inconclusive" results. For the presence of saliva, all but one of 110 participants that returned results reported "Negative" results. This participant reported "Inconclusive" results.

### DNA Analysis Results:

Of the 720 participants that returned results, 642 reported DNA interpretations. Forty-two participants did not respond, thirty-six stated that the samples were only analyzed for database purposes, and six selected the "No Interpretations" option individually for all Interpretation questions.

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

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

A total of 314 participants reported the use of Probabilistic Genotyping (PG) software on either solely the questioned items or all four items. The majority of participants reporting the use of PG software stated in their additional comments that stutter may be included in the DNA results. One of these participants reported additional alleles at one or more loci. Based on the interpretations above, these inconsistencies did not appear to affect this participant's conclusions.

There were fifteen additional participants that reported allelic responses that differed from the consensus/predistribution results for one or more items. The breakdown of inconsistencies is as follows: eight reported additional alleles, four of which reported "9,9" at locus DYS391 and seven reported allelic results that differed from the consensus at various loci. Based on the interpretations above, these inconsistencies did not appear to affect these participants' conclusions.

## Key for Screening Tests Used

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

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

# Serology Screening Results

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

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
22ATU7					
Item 3	Pos	HemaTrace	Neg	PSA	NT
Item 4	Pos	HemaTrace	Neg	PSA	NT
23ANJ4					
Item 3	Pos	KM, HemDirect	NT		NT
Item 4	Pos	KM, HemDirect	NT		NT
23NE7T					
Item 3	Pos	KM, HemaTrace	Neg	AP	NT
Item 4	Pos	KM, Takayama	Neg	AP	NT
24F7KK					
Item 3	Pos	TMB, HemaTrace	Neg	AP, PSA, Micro	Neg Amylase Diffusion
Item 4	Pos	TMB, HemaTrace	Neg	AP, PSA, Micro	Neg Amylase Diffusion
24YYBW					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
298MLD					
Item 3	Pos	O-tol, HemaTrace	Neg	AP, PSA, Micro	Neg RSID, Micro
Item 4	Pos	O-tol, HemaTrace	Neg	AP, PSA, Micro	Neg RSID, Micro
29DQN6					
Item 3	Pos	LMG	Neg	ALS, AP	NT
Item 4	Pos	LMG	Neg	ALS, AP	NT
2A7K3Z					
Item 3	Pos	KM, RSID, LMG	Neg	AP, Micro, ALS, PSA	Neg RSID, ALS
Item 4	Pos	KM, RSID, LMG	Neg	AP, Micro, ALS, PSA	Neg RSID, ALS
2FPTK6					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Neg	ALS, AP	NT
2KZ734					
Item 3	Pos	KM, HemDirect	Neg	ALS, AP, Micro	NT
Item 4	Pos	KM, HemDirect	Neg	ALS, AP, Micro	NT
2LY4JQ					
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
2UFNWP					
Item 3	Pos	KM	Neg ALS/AP	NT	
Item 4	Pos	KM	Neg ALS/AP	NT	
2W3833					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
2WVBEB					
Item 3	Pos	O-tol	Neg AP	NT	
Item 4	Pos	O-tol	Neg AP	NT	
2WZMZL					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
2XWUUY					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
2ZGRWV					
Item 3	Pos	Takayama	NT	NT	
Item 4	Pos	Takayama	Neg ALS	NT	
32MJGV					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
3BYWGZ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
3C4LHN					
Item 3	Pos	TMB	Neg ALS, AP	NT	species origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	species origin, Pos HemaTrace
3CN3XQ					
Item 3	Pos	TMB	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
3CP4G3					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro	NT	
Item 4	Pos	KM, HemaTrace	Neg AP, Micro	NT	



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
<b>3HDM27</b>					
Item 3	<b>Pos</b>	KM, HemaTrace	<b>Neg</b> PSA, ALS	<b>Neg</b> RSID	
Item 4	<b>Pos</b>	KM, HemaTrace	<b>Neg</b> PSA, ALS	<b>Neg</b> RSID	
<b>3HT2B2</b>					
Item 3	<b>Pos</b>	PTMB, HemDirect	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b>	PTMB, HemDirect	<b>NT</b>	<b>NT</b>	
<b>3KHC2U</b>					
Item 3	<b>Pos</b>	LMG, HT	<b>Neg</b> ALS, AP	<b>NT</b>	
Item 4	<b>Pos</b>	LMG, HT	<b>Neg</b> ALS, AP	<b>NT</b>	
<b>3LB9N3</b>					
Item 3	<b>Pos</b>	KM, qRT-PCR			
Item 4	<b>Pos</b>	KM, qRT-PCR			
<b>3MKD2Q</b>					
Item 3	<b>Pos</b>	LMG, ABA HemaTrace	<b>Neg</b> AP, PSA, Micro, ALS	<b>NT</b>	
Item 4	<b>Pos</b>	LMG, ABA HemaTrace	<b>Neg</b> AP, PSA, Mirco, ALS	<b>NT</b>	
<b>3N6X63</b>					
Item 3	<b>Pos</b>	LMG	<b>NT</b>	<b>NT</b>	<b>Human Blood, Pos</b> RSID
Item 4	<b>Pos</b>	LMG	<b>NT</b>	<b>NT</b>	<b>Human Blood, Pos</b> RSID
<b>3PAJK3</b>					
Item 3	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	
<b>3QQTJV</b>					
Item 3	<b>Pos</b>	TMB	<b>Neg</b> ALS, AP	<b>NT</b>	
Item 4	<b>Pos</b>	TMB	<b>Neg</b> ALS, AP	<b>NT</b>	
<b>3RGRXT</b>					
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>	
<b>3RHUG7</b>					
Item 3	<b>Pos</b>	KM Test	<b>Neg</b> AP Test, Micro Exam	<b>NT</b>	
Item 4	<b>Pos</b>	KM Test	<b>Neg</b> AP Test, Micro Exam	<b>NT</b>	
<b>3U9ZWW</b>					
Item 3	<b>Pos</b>	O-tol, HemDirect	<b>Neg</b> AP	<b>NT</b>	
Item 4	<b>Pos</b>	O-tol, HemDirect	<b>Neg</b> AP	<b>NT</b>	
<b>3UATU4</b>					
Item 3	<b>Pos</b>	KM; HemaTrace	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b>	KM; HemaTrace	<b>NT</b>	<b>NT</b>	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
3Y2XN9					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Radial Diffusion	
43GTX4					
Item 3	Pos	O-tol, HemDirect	Neg AP	NT	
Item 4	Pos	O-tol, HemDirect	Neg AP, Micro	NT	
43W9UR					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
43X4JP					
Item 3	Pos	KM	NT	NT	Human, Pos PowerQuant
Item 4	Pos	KM	NT	NT	Human, Pos PowerQuant
463Q22					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
46PVXG					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
474BFP					
Item 3	Pos	HemDirect	Neg PSA	NT	
Item 4	Pos	HemDirect	Neg PSA	NT	
49N9JL					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
4FJHEC					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
4FZE8C					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
4LP6FT					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
4LTHB2					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	Neg ALS	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
<b>4NDGEY</b>					
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	Neg ALS, Phadebas	Human DNA detected, Pos Quantifiler Trio
<b>4P8BTU</b>					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
<b>4RVMRZ</b>					
Item 3	Pos	KM, LMG, HemaTrace	Neg AP, PSA, Micro	NT	Neg ALS
Item 4	Pos	KM, LMG, HemaTrace	Neg AP, PSA, Micro	NT	Neg ALS
<b>4RZXWJ</b>					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
<b>4WT9UN</b>					
Item 3	Pos	KM, HemDirect	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos	KM, HemDirect	Neg ALS, AP, PSA, Micro	NT	
<b>4WUW6M</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>4YD7XK</b>					
Item 3	Pos	KM, Hemdirect	Neg AP	NT	
Item 4	Pos	KM, Hemdirect	Neg AP	NT	
<b>4ZWTW3</b>					
Item 3	Pos	TMB	Neg ALS, AP, Micro	NT	
Item 4	Pos	TMB	Neg ALS, AP, Micro	NT	
<b>63A6XC</b>					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
<b>63DF3V</b>					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
<b>67VLFW</b>					
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
6AGJWZ					
Item 3	Pos	LMG	Neg AP, ALS	NT	
Item 4	Pos	LMG	Neg AP, ALS	NT	
6CJJQ6					
Item 3	Pos	SERATEC® HemDirect Hemoglobin tes	Neg Christnas Tree, PSA	Neg SERATEC AmylaseTest	
Item 4	Pos	SERATEC® HemDirect Hemoglobin tes	Neg Christnas Tree, PSA	Neg SERATEC AmylaseTest	
6CL36U					
Item 3	NT		Neg AP	NT	Y Screening, Neg Promega Casework Direct
Item 4	NT		Neg AP	NT	Y Screening, Pos Promega Casework Direct
6GCNGN					
Item 3	Pos	KM	Neg AP	NT	Human, Pos PowerQuant
Item 4	Pos	KM	Neg AP	NT	Human, Pos PowerQuant
6JEPJ7					
Item 3	Pos	HemaTrace	NT	NT	
Item 4	Pos	HemaTrace	NT	NT	
6JZ6QW					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
6K9EMZ					
Item 3	Pos	KM	Neg PSA, AP	NT	
Item 4	Pos	KM	Neg PSA, AP	NT	
6KF9XV					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
6KYXY3					
Item 3	Pos	TMB, PHT	Neg ALS, AP	NT	Human Origin, Pos HEM
Item 4	Pos	TMB, PHT	Neg ALS, AP	NT	Human Origin, Pos HEM
6MZ72R					
Item 3	Pos	TMB, Micro	Neg AP		
Item 4	Pos	TMB, Micro	Neg AP		
6NR8Y3					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
6RETRP					
Item 3	Pos	Hemastix, HemaTrace	Neg	AP, PSA, Micro	NT
Item 4	Pos	Hemastix, HemaTrace	Neg	AP, PSA, Micro	NT
6T4DGU					
Item 3	Pos	TMB, IR	Neg	ALS, AP	NT
Item 4	Pos	TMB, IR	Neg	ALS, AP	NT
6VWDD6					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
6WKJUV					
Item 3	NT		NT	NT	Human, Pos Quant Duo
Item 4	NT		NT	NT	Human, Pos Quant Duo
6YNFDY					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
6YTQHH					
Item 3	Pos	KM, Hemdirect	Neg	AP	NT
Item 4	Pos	KM, Hemdirect	Neg	AP	NT
738RXM					
Item 3	Pos	TMB	Neg	AP, ALS	NT
Item 4	Pos	TMB	Neg	AP, ALS	NT
738UGY					
Item 3	Pos	KM, HemDirect	Neg	ALS, AP	NT
Item 4	Pos	KM, HemDirect	Neg	ALS, AP	NT
74496H					
Item 3	Pos	KM, HemaTrace	NT		NT
Item 4	Pos	KM, HemaTrace	Neg	AP	NT
79WDV2					
Item 3	Pos	KM	Neg	AP, Micro	Neg RSID
Item 4	Pos	KM	Neg	AP, Micro	Neg RSID
7B3UZX					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	Neg	AP, Micro	NT
7D98NR					
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
7DPBA7					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP	Neg Phadebas	
7DQ7Y4					
Item 3	Pos	LMG	Neg AP	Neg RSID	
Item 4	Pos	LMG	Neg AP	Neg RSID	
7DULEP					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
7E29K3					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
7FCTRQ					
Item 3	Pos	KM, ABACard	NT	NT	
Item 4	Pos	KM, ABACard	NT	NT	
7JCARR					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	
7K9MDY					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
7M38PY					
Item 3	Pos	LMG	Inc ALS	NT	
Item 4	Pos	LMG	Inc ALS	NT	
7P49EA					
Item 3	Pos	LMG, RSID	Neg AP, RSID	Neg RSID	
Item 4	Pos	LMG, RSID	Neg AP, RSID	Neg RSID	
7PM6TV					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	
7QDDRQ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
7R6C7W					
Item 3	Pos	KM, HemDirect	Neg ALS, AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, HemDirect	Neg ALS, AP, Micro, PSA	Neg Phadebas	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
7UDJDV					
Item 3	Pos	O-tol	NT	NT	
Item 4	Pos	O-tol	NT	NT	
7UELW9					
Item 3	Pos	O-tol, HemaTrace	Neg AP, Micro, PSA	Neg RSID and Micro	
Item 4	Pos	O-tol, HemaTrace	Neg AP, Micro, PSA	Neg RSID and Micro	
7W2VC2					
Item 3	Pos	ABA Heme	Neg PSA, Micro	NT	
Item 4	Pos	ABA Heme	Neg PSA, Micro	NT	
7WK7LU					
Item 3	Pos	LMG, HT	NT	NT	
Item 4	Pos	LMG, HT	NT	NT	
7WLYK2					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
7WZ4ET					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
7YCTPH					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
7ZKAF2					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
7ZMQ2E					
Item 3	Pos	PTMB	Neg AP, PSA	Neg Phadebas tablet	Urine, Neg Uritrace
Item 4	Pos	PTMB, HemaTrace	Neg AP, PSA	Neg Phadebas Tablet	
82GRMW					
Item 3	Pos	KM	Neg AP, Micro, PSA	Neg Amylase Radial Diffusion	
Item 4	Pos	KM	Neg AP, Micro, PSA	Neg Amylase Radial Diffusion	
833PPT					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	
8A27A8					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
8BGH7J					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
8EXVQE					
Item 3	Pos	KM	Neg ALS, PSA	NT	
Item 4	Pos	KM	Neg ALS, PSA	NT	
8G73AY					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
8JQZCV					
Item 3	Pos	PTMB, HemDirect	NT	NT	
Item 4	Pos	PTMB, HemDirect	NT	NT	
8K3HRV					
Item 3	Pos	KM, LMG, RSID	Neg AP, Micro, PSA	Neg RSID	
Item 4	Pos	KM, LMG, RSID	Neg AP, Micro, PSA	Neg RSID	
8K4JB8					
Item 3	Pos	O-tol, HemaTrace	Neg AP, p30, Microscopic	Neg RSID, Microscopic	
Item 4	Pos	O-tol, HemaTrace	Neg AP, p30, Microscopic	Neg RSID, Microscopic	
8KKVQR					
Item 3	Pos	O-tol , HemDirect	Neg AP, PSA	Neg Amylase Diffusion	
Item 4	Pos	O-tol , HemDirect	Neg AP, PSA	Neg Amylase Diffusion	
8KRJRK					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
8MDHUG					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
8MT2EE					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
8NLRKT					
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



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
8QCX2J					
Item 3	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
8R4UNR					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	
8UBAWJ					
Item 3	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
8UUZ74					
Item 3	Pos	ABA HemaTrace	NT	NT	
Item 4	Pos	ABA HemaTrace	NT	NT	
8XN7ED					
Item 3	Pos	KM	Neg ALS, PSA	NT	
Item 4	Pos	KM	Neg ALS, PSA	NT	
8XTFMR					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
96PTRY					
Item 3	Pos	KM, HemaTrace ABACard	Neg AP	NT	
Item 4	Pos	HemaTrace ABACard	Neg AP	NT	
98BBAK					
Item 3	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
98CCTW					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
98FMXG					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
9C83CF					
Item 3	Pos	HS (TMB), HemaTrace	Neg AP, p30	Neg RSID Saliva	
Item 4	Pos	HS (TMB), HemaTrace	Neg AP, p30	Neg RSID Saliva	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
9CLNRJ					
Item 3	Pos	TMB, HemaTrace	Neg AP, ALS	NT	
Item 4	Pos	TMB, HemaTrace	Neg AP, ALS	NT	
9GH8XN					
Item 3	Pos	TMB, Takayama	NT	NT	
Item 4	Pos	TMB, Takayama	NT	NT	
9GP6GZ					
Item 3	Pos	O-tol	Neg ALS, AP, PSA, Micro	Neg ALS, RSID	
Item 4	Pos	O-tol	Neg ALS, AP, PSA, Micro	Neg ALS, RSID	
9GXD98					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
9JA4KW					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	Neg AP	NT	
9JL3GQ					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
9KPGDZ					
Item 3	Pos	O-tol	Neg AP, Micro, PSA, ALS	Neg ALS, RSID	
Item 4	Pos	O-tol	Neg AP, Micro, PSA, ALS	Neg ALS, RSID	
9KZAZM					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
9KZEBP					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
9LVUML					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
9MAEFW					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
9MBXVK					
Item 3	Pos	KM	Neg PSA, Micro	NT	
Item 4	Pos	KM	Neg PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
9PRLTX					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
9Q8VTQ					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
9Y3XU2					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
9Y4GAQ					
Item 3	NT		NT	NT	Y screening, Neg Promega Casework Direct Kit
Item 4	NT		NT	NT	Y screening, Pos Promega Casework Direct Kit
A32GRU					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
A3E7TK					
Item 3	Pos	KM, Takayama	Neg AP	Neg RSID-Saliva	Human, Pos PowerQuant
Item 4	Pos	KM, Takayama	Neg AP	Neg RSID-Saliva	Human, Pos PowerQuant
A68W8C					
Item 3	Pos	O-tol	Neg AP	NT	
Item 4	Pos	O-tol	Neg AP	Neg Phadebas	
A8XAUP					
Item 3	NT		NT	NT	Y-Screening, Neg Promega Casework Direct Kit
Item 4	NT		NT	NT	Y-Screening, Pos Promega Casework Direct Kit
AAH8XL					
Item 3	Pos	KM	NT	NT	Human Origin, Pos HT
Item 4	Pos	KM	NT	NT	Human Origin, Pos HT
AAY7AX					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
AB9FXN						
Item 3	Pos	O-tol, Seratec Hemdirect	Neg	AP, Seratec PSA, Micro	Neg Seratec Amylase	Menstrual Blood, Urine, Feces, Vomit, Neg Seratec PMB, DMAC & Creatinine, Urobilinogen, PepTest
Item 4	Pos	O-tol, Seratec HemDirect	Neg	AP, Seratec PSA, Micro	Neg Seratec Amylase	
ABA9VW						
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA	Neg	RSID
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA	Neg	RSID
ABF4XG						
Item 3	Pos	KM	Neg	ALS, AP	NT	
Item 4	Pos	KM	Neg	ALS, AP	NT	
AD232D						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
AEAJQW						
Item 3	Pos	HemaTrace	NT		NT	
Item 4	Pos	HemaTrace	NT		NT	
AEPFJW						
Item 3	Pos	KM, Ouchterlony	Neg	AP, ALS, Micro for Sperm	Neg	Amylase, Micro for ecells
Item 4	Pos	KM, Ouchterlony	Neg	AP, ALS, Micro for Sperm	Neg	Amylase, Micro for ecells
AEPKUY						
Item 3	Pos	Phenolphthalein, Takayama	Neg	AP, PSA	Neg	RSID
Item 4	Pos	Phenolphthalein, Takayama	Neg	AP, PSA	Neg	RSID
AEVQF3						
Item 3	Pos	O-tol	Neg	AP		
Item 4	Pos	O-tol	Neg	AP		
AGD6PU						
Item 3	Pos	LMG	Neg	ALS, AP	NT	
Item 4	Pos	LMG	Neg	ALS, AP	NT	
AGW3RU						
Item 3	Pos	KM, qRT-PCR	NT		NT	
Item 4	Pos	KM, qRT-PCR	NT		NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
AGZDWD					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
AJY23M					
Item 3	Pos	LMG, HT	Neg AP	NT	
Item 4	Pos	LMG, HT	Neg AP	NT	
ALRN7C					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
ANG498					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
APNGVZ					
Item 3	Pos	ABA Heme	Neg PSA, Micro	NT	
Item 4	Pos	ABA Heme	Neg PSA, Micro	NT	
ATAXEL					
Item 3	Pos	KM, HemDirect	Neg AP, Micro	Neg RSID Saliva	
Item 4	Pos	KM, HemDirect	Neg AP, Micro	Neg RSID Saliva	
ATFG7H					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
AU6J2K					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
AUZEAE					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
AZBBC4					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
B66D7V					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
B8Q9JM					
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
B9HAGY					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
BB4DRG					
Item 3	Pos	TMB	Neg AP, ALS	NT	
Item 4	Pos	TMB	Neg AP, ALS	NT	
BCL8RQ					
Item 3	Pos	O-tol, HemaTrace	Neg AP		
Item 4	Pos	O-tol, HemaTrace	Neg AP		
BDE2JU					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
BE9QTN					
Item 3	Pos	O-tol, Seratec HemDirect	Neg AP	NT	Urine, Neg DMAC/Creatinine
Item 4	Pos	O-tol, Seratec HemDirect	Neg AP	NT	Urine, Neg DMAC/Creatinine
BFZZMQ					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
BGPBDJ					
Item 3	Pos	Hemastix, HemaTrace	Neg AP	NT	
Item 4	Pos	Hemastix, HemaTrace	Neg AP	NT	
BKUULC					
Item 3	Pos	KM; Hemdirect	Neg AP	NT	
Item 4	Pos	KM; Hemdirect	Neg AP	NT	
BLLVJN					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	
BLLYUQ					
Item 3	Pos	KM, HemDirect	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos	KM, HemDirect	Neg ALS, AP, Micro, PSA	NT	
BM6MPR					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
BPTYNX					
Item 3	Pos	O-tol, HemDirect	Neg AP	NT	
Item 4	Pos	O-tol, HemDirect	Neg AP	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
BQ3ZFX						
Item 3	Pos	KM, HemaTrace	NT	Neg	RSID	
Item 4	Pos	KM, HemaTrace	NT	NT		
BREXRU						
Item 3	Pos	KM	NT	NT		
Item 4	Pos	KM	NT	NT		
BT7TGN						
Item 3	Pos	TMB	Neg	ALS, AP	NT	
Item 4	Pos	TMB	Neg	ALS, AP	NT	
BU4C7W						
Item 3	Pos	KM	Neg	AP, ALS and Micro	Neg	ALS and RSID
Item 4	Pos	KM	Neg	AP, ALS and Micro	Neg	ALS and RSID
BVAL92						
Item 3	Pos	KM	Neg	AP, Micro, p30	Neg	Phadebas
Item 4	Pos	KM	Neg	AP, Micro, p30	Neg	Phadebas
BVUAQV						
Item 3	Pos	KM, HemaTrace	NT	NT		
Item 4	Pos	KM, HemaTrace	NT	Neg	RSID	
BW8YRM						
Item 3	Pos	TMB, HemaTrace	Neg	ALS, AP, PSA, Micro		
Item 4	Pos	PHT, HemaTrace	Neg	ALS, AP, PSA, Micro		
BWPUNG						
Item 3	Pos	KM	NT	NT		
Item 4	Pos	KM	NT	NT		
BYBRRD						
Item 3	Pos	KM, Hemdirect	Neg	AP	NT	
Item 4	Pos	KM, Hemdirect	Neg	AP	NT	
BZN4NX						
Item 3	Pos	KM	NT	NT		
Item 4	Pos	KM	NT	NT		
C2RJ7M						
Item 3	Pos	TMB, KM	NT	NT		
Item 4	Pos	TMB, KM	NT	NT		
C2XNRR						
Item 3	Pos	PTMB, HemDirect	NT	NT		
Item 4	Pos	PTMB, HemDirect	NT	NT		

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
<b>C2Z87F</b>					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
<b>C37PR6</b>					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
<b>C3B7ZN</b>					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
<b>C4K6AC</b>					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
<b>C6FTN2</b>					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
<b>C79WZ9</b>					
Item 3	Pos	PTMB, HemaTrace	Neg AP, PSA	NT	Neg ALS
Item 4	Pos	PTMB, HemaTrace	Neg AP, PSA	NT	Neg ALS
<b>CBJWAT</b>					
Item 3	Pos	KM	NT	Neg Amylase radial Diffusion	
Item 4	Pos	KM	NT	Neg Amylase radial Diffusion	
<b>CBLH8U</b>					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
<b>CBQPKN</b>					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
<b>CDCNMK</b>					
Item 3	Pos	TMB, Takayama (Micro)	NT	NT	
Item 4	Pos	TMB, Takayama (Micro)	Neg AP	NT	
<b>CFABUU</b>					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
<b>CFC23X</b>					
Item 3	Pos	LMG, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg ALS, AP, PSA, Micro	NT	



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
CFXFMU					
Item 3	Pos	KM, RSID-Blood	NT	NT	Male DNA, Neg NaOH screen
Item 4	Pos	O-tol, HemaTrace	NT	NT	Male DNA, Pos NaOH screen
CJCA6M					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
CJD23U					
Item 3	Pos	ABA heme	Neg PSA, Micro		
Item 4	Pos	ABA heme	Neg PSA, Micro		
CJKX6E					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
CJV44					
Item 3	Pos	KM	Neg AP, ALS	NT	
Item 4	Pos	KM	Neg AP, ALS	NT	
CKQPMU					
Item 3	Pos	TMB, KM	Neg ALS, AP	NT	Human, Pos HEM
Item 4	Pos	TMB, KM	Neg ALS, AP	NT	Human, Pos HEM
CKTAKV					
Item 3	Pos	KM	Neg AP, Micro	Neg RSID	
Item 4	Pos	KM	Neg AP, Micro	Neg RSID	
CL6W9B					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
CLZL4R					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
CMD9NR					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
CPLBN6					
Item 3	Pos	RSID	Neg RSID	Neg RSID	
Item 4	Pos	RSID	Neg RSID	Neg RSID	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
CPYYQH					
Item 3	Pos	LMG, HemaTrace	Neg AP, Micro, PSA	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP, Micro, PSA	NT	
CRFZ8Q					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
CUVLMQ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
CUZYAM					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
CVEERV					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
CWH6NN					
Item 3	Pos	LMG, HT	Neg AP, PSA	NT	
Item 4	Pos	LMG, HT	Neg AP, PSA	NT	
CWNBAT					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
CWPDPP					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
CYACRL					
Item 3	Pos	TMB	Neg AP, ALS	NT	
Item 4	Pos	TMB	Neg AP, ALS	NT	
CYDPNU					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
D36CJ3					
Item 3	Pos	TMB, OBTI	Neg Micro	NT	
Item 4	Pos	TMB, OBTI	Neg Micro	NT	
D4LH8R					
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
D69CD8					
Item 3	Pos	KM	Neg ALS, PSA	NT	
Item 4	Pos	KM	Neg ALS, PSA	NT	
D6CP8V					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
D7KR89					
Item 3	Pos	KM	Neg ALS, PSA	NT	
Item 4	Pos	KM	Neg ALS, PSA	NT	
D7P49C					
Item 3	Pos	TMB	NT	NT	
Item 4	Pos	TMB	Neg AP	NT	
D8Y8PF					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
D9A3B9					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
DBZHC4					
Item 3	Pos	RSID	Neg RSID	Neg RSID	
Item 4	Pos	RSID	Neg RSID	Neg RSID	
DDL2G					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
DDM2D2					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
DFQRM2					
Item 3	Pos	O-tol, HemaTrace	Neg ALS, AP, p30, Micro	Neg RSID, Micro	
Item 4	Pos	O-tol, HemaTrace	Neg ALS, AP, p30, Micro	Neg RSID, Micro	
DGPQ4P					
Item 3	Pos	KM, LMG, RSID	Neg ALS, AP, Micro, PSA	Neg ALS, RSID	
Item 4	Pos	KM, LMG, RSID	Neg ALS, AP, Micro, PSA	Neg ALS, RSID	
DJAW6W					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
DJTLMR						
Item 3	Pos	FOB	Neg	RSID	Neg	RSID
Item 4	Pos	FOB	Neg	RSID	Neg	RSID
DLKJ2Q						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
DLZ4LM						
Item 3	Pos	O-tol	Neg	AP	NT	
Item 4	Pos	O-tol	Neg	AP	NT	
DQUZAE						
Item 3	Pos	TMB, HemaTrace	Neg	ALS, AP	NT	
Item 4	Pos	TMB, HemaTrace	Neg	ALS, AP	NT	
DTEPUR						
Item 3	Pos	KM	Neg	AP, Micro	NT	
Item 4	Pos	KM	Neg	AP, Micro	NT	
DUTB7E						
Item 3	Pos	TMB, HemaTrace	Neg	ALS, AP	NT	
Item 4	Pos	TMB, HemaTrace	Neg	ALS, AP	NT	
DV3GLN						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
DXTHRC						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
DY72M3						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
E2UWZM						
Item 3	Pos	PTMB	Neg	ALS, AP	NT	
Item 4	Pos	PTMB	Neg	ALS, AP	NT	
E4H9ZT						
Item 3	Pos	KM	Neg	PSA, Micro	NT	
Item 4	Pos	KM	Neg	PSA, Micro	NT	
E6QGTK						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Neg	AP	NT	

TABLE 1

Webcode	Fluid ID						
	Item	Blood	Semen	Saliva	Other		
E6R9RT							
Item 3	Pos	Heme	Neg	PSA, Micro	NT		
Item 4	Pos	Heme	Neg	PSA, Micro	NT		
E7NQXN							
Item 3	Pos	KM and HemaTrace	NT	NT			
Item 4	Pos	KM and HemaTrace	NT	NT			
E9RLGQ							
Item 3	Pos	KM, O-tol, RSID	NT	NT	male screen, Neg NAOH Y-screen		
Item 4	Pos	KM, HemaTrace	NT	NT	male screen, Pos NAOH Y-screen		
EA9HAQ							
Item 3	Pos	KM	NT	NT			
Item 4	Pos	KM	NT	NT			
EAYVJW							
Item 3	Pos	KM	NT	NT			
Item 4	Pos	KM	NT	NT			
EBTKMP							
Item 3	Pos	KM	NT	NT			
Item 4	Pos	KM	NT	NT			
ECE3YC							
Item 3	Pos	KM	Neg	ALS/AP	NT		
Item 4	Pos	KM	Neg	ALS/AP	NT		
EEYRJP							
Item 3	Pos	KM, HemaTrace	NT	NT			
Item 4	Pos	KM, HemaTrace	NT	NT			
EPTM3C							
Item 3	Pos	PHT	Neg	ALS, AP	NT		
Item 4	Pos	PHT	Neg	ALS, AP	NT		
EQ8UNT							
Item 3	Pos	KM	Neg	AP, ALS	Neg	RSID	Human, Pos PowerQuant
Item 4	Pos	KM	Neg	AP, ALS	Neg	RSID	Human, Pos PowerQuant
ER4BUN							
Item 3	Pos	LMG	NT	NT			
Item 4	Pos	LMG	NT	NT			

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
ERHNAL					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
ETAP8W					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP, PSA, Micro	Neg Radial Diffusion	
ETE9VY					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
EVZVNM					
Item 3	NT		NT	NT	Human, Pos Quant Duo
Item 4	NT		NT	NT	Human, Pos Quant Duo
F6MCQL					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
F74AHL					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
F9N8LH					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
FBX78C					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	Neg AP, Micro	NT	
FDVXNN					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
FEDXVK					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
FGHF79					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
FJF4CH					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
FM9PF8					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
FN2NND					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
FPFYVJ					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
FPTNLP					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
FXMRVD					
Item 3	Pos	TMB, HemaTrace	Neg AP, ALS	NT	
Item 4	Pos	TMB, HemaTrace	Neg AP, ALS	NT	
FYGJVQ					
Item 3	Pos	KM, O-toI, RSID	NT	NT	Male Screen, Neg NaOH Y Screen
Item 4	Pos	KM, HemaTrace	NT	NT	Male Screen, Pos NaOH Y Screen
FYXUHC					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	
G89BTH					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
G9MNLL					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
GAQPWJ					
Item 3	Pos	KM, Hemdirect	Neg ALS, AP, Micro	Neg Amylase Diffusion	
Item 4	Pos	KM	Neg ALS, AP, Micro	Neg Amylase Diffusion	
GAWTYA					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
GB8LPH					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
GCGQ38					
Item 3	Pos	KM, HemDirect	NT	NT	
Item 4	Pos	KM, HemDirect	NT	NT	
GD9WBK					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
GDCEGV					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
GGXWYG					
Item 3	Pos	KM; HemaTrace	Neg AP	NT	
Item 4	Pos	KM; HemaTrace	Neg AP	NT	
GPNQNY					
Item 3	Pos	LMG, RSID	Neg AP, RSID	Neg RSID	
Item 4	Pos	LMG, RSID	Neg AP, RSID	Neg RSID	
GRWUKV					
Item 3	Pos	KM	Neg AP, Micro	Neg Phadebas	
Item 4	Pos	KM	Neg AP, Micro	Neg Phadebas	
GTMZZL					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
GVBCZQ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
H4LYHJ					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
H6V3YN					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
H783VH					
Item 3	Pos	O-tol	Neg AP	NT	
Item 4	Pos	O-tol	Neg AP	NT	
H78XLF					
Item 3	Pos	TMB, PHT	Neg AP, ALS	NT	
Item 4	Pos	TMB, PHT	Neg AP, ALS	NT	



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
H8Y3TU					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP	Neg Phadebas	
H8YXHR					
Item 3	Pos	LMG	Neg AP	Neg RSID- Saliva	
Item 4	Pos	LMG	Neg AP	Neg RSID- Saliva	
HAP6YH					
Item 3	Pos	KM, TMB	NT	NT	
Item 4	Pos	KM, TMB	NT	NT	
HB224M					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
HB6C97					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
HD8CBN					
Item 3	Pos	TMB	Neg AP, ALS	NT	
Item 4	Pos	TMB	Neg AP, ALS	NT	
HDR7XJ					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
HDUN8B					
Item 3	Pos	PTMB	Neg ALS, AP	NT	
Item 4	Pos	PTMB	Neg ALS, AP	NT	
HE23EG					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
HE28PJ					
Item 3	Pos	KM, LMG	NT	NT	
Item 4	Pos	KM, LMG	NT	NT	
HFFHWP					
Item 3	Pos	KM	Neg AP, Micro	Neg RSID	
Item 4	Pos	KM	Neg AP, Miro	Neg RSID	
HFVXTD					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
HHLVQK					
Item 3	Pos	TMB, HemaTrace	Neg	ALS, AP	NT
Item 4	Pos	TMB, HemaTrace	Neg	ALS, AP	NT
HJ2ZEA					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
HK7YZ3					
Item 3	Pos	KM, HemDirect	Neg	AP	NT
Item 4	Pos	KM, HemDirect	Neg	AP	NT
HKRDNF					
Item 3	Pos	TMB	Neg	ALS, AP	NT
Item 4	Pos	TMB	Neg	ALS, AP	NT
HQVJ4H					
Item 3	Pos	KM	Neg	AP	Neg Phadebas
Item 4	Pos	KM	Neg	AP	Neg Phadebas
HR79JN					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Neg	ALS, AP	NT
HRNEHE					
Item 3	Pos	LMG, HT	Neg	AP	NT
Item 4	Pos	LMG, HT	Neg	AP	NT
HT4KEG					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
HUDQGK					
Item 3	Pos	KM, HemDirect	Neg	ALS, AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM, HemDirect	Neg	ALS, AP, PSA, Micro	Neg Phadebas
HUG2L4					
Item 3	Pos	KM, Takayama	Neg	AP	NT
Item 4	Pos	KM, Takayama	Neg	AP	NT
HW8FXK					
Item 3	Pos	KM, HemaTrace	NT		NT
Item 4	Pos	KM, HemaTrace	NT		NT
HXEKPM					
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
HY8F4J					
Item 3	Pos	O-tol, HT	Neg AP	NT	
Item 4	Pos	O-tol, HT	Neg AP	NT	
J6AXUV					
Item 3	Pos	HemDirect	NT	NT	
Item 4	Pos	HemDirect	NT	NT	
J6F849					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
J9DP6G					
Item 3	Pos	KM, TMB	NT	NT	
Item 4	Pos	KM, TMB	NT	NT	
JBK3TA					
Item 3	Pos	KM, Takayama	Neg AP	Neg Phadebas, RSID	
Item 4	Pos	KM, Takayama, HemaTrace	Neg AP	NT	
JCB289					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
JELYKP					
Item 3	NT		NT	NT	
Item 4	NT		NT	NT	
JFC6ZF					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
JGN7GM					
Item 3	Pos	ABA Heme	Neg PSA, Micro	NT	
Item 4	Pos	ABA Heme	Neg PSA, Micro	NT	
JJCL2G					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
JPWHTK					
Item 3	Pos	KM Test	Neg AP Test	NT	
Item 4	Pos	KM Test	Neg AP Test	NT	
JPZ9WM					
Item 3	Pos	KM, O-tol, RSID	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
JR6TRA					
Item 3	Pos	TMB	Neg	ALS, AP	
Item 4	Pos	TMB	Neg	ALS, AP	
JT388E					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
JTLQE8					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Neg	ALS, AP	NT
JW2CVT					
Item 3	Pos	O-tol	Neg	AP	NT
Item 4	Pos	O-tol	Neg	AP	NT
JXRJCJ					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
JYC2N7					
Item 3	Pos	KM, HemaTrace	Neg	AP	NT
Item 4	Pos	KM, HemaTrace	Neg	AP	NT
K26X22					
Item 3	Pos	KM, Takayama	Neg	AP	NT
Item 4	Pos	KM, Takayama	Neg	AP	NT
K2WCZF					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
K4GB4D					
Item 3	Pos	KM, HemaTrace	NT		NT
Item 4	Pos	KM, HemaTrace	NT		NT
K7L4VQ					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
K8CACG					
Item 3	Pos	O-tol, HemaTrace	Neg	AP	NT
Item 4	Pos	O-tol, HemaTrace	Neg	AP	NT
KC9YN8					
Item 3	Pos	HemDirect	Neg	PSA	NT
Item 4	Pos	HemDirect	Neg	PSA	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
KHDUE9					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
KMBWWG					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
KMK882					
Item 3	Pos	KM	Neg ALS	NT	
Item 4	Pos	KM	Neg ALS	NT	
KPWVZD					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
KUP7XH					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
KWF847					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
KY6DLH					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
KZBYYW					
Item 3	Pos	RSID	Neg RSID	Neg RSID	
Item 4	Pos	RSID	Neg RSID	Neg RSID	
KZVTLR					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
L4DBGH					
Item 3	Pos	PTMB, HemDirect	NT	NT	
Item 4	Pos	PTMB, HemDirect	NT	NT	
L7VGUJ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
L94P2H					
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
L9J4BD					
	Item 3	Pos KM, HemaTrace	NT	NT	
	Item 4	Pos KM, HemaTrace	NT	NT	
LAB69N					
	Item 3	Pos KM, OBTI			
	Item 4	Pos KM, OBTI			
LC2BNE					
	Item 3	Pos LMG, HT	Neg AP	NT	
	Item 4	Pos LMG, HT	Neg AP		
LETXR4					
	Item 3	Pos KM, Hemdirect	Neg AP	NT	
	Item 4	Pos KM, Hemdirect	Neg AP	NT	
LGWXLA					
	Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID	Human Origin, Pos HemaTrace, PowerQuant
	Item 4	Pos KM, HemaTrace	Neg AP	Neg RSID	Human Origin, Pos HemaTrace, PowerQuant
LHDZJA					
	Item 3	Pos PTMB	NT	NT	
	Item 4	Pos PTMB	NT	NT	
LNEBK9					
	Item 3	Pos LMG	Neg PSA, Micro	NT	
	Item 4	Pos LMG	Neg PSA, Micro	NT	
LNHQX9					
	Item 3	Pos KM, HemDirect	Neg ALS, AP, Micro	Neg RSID Saliva	
	Item 4	Pos KM, HemDirect	Neg ALS, AP, Micro	Neg RSID Saliva	
LPDHXL					
	Item 3	Pos O-tol, color, HemDirect	Neg AP, ALS	NT	
	Item 4	Pos O-tol, color, HemDirect	Neg AP, ALS	NT	
LQ6DMF					
	Item 3	Pos KM, Hemtrace	Neg AP, PSA, Micro	Neg Phadebas	
	Item 4	Pos KM, Hemtrace	Neg AP, PSA, Micro	Neg Phadebas	
LREEEF					
	Item 3	Pos KM, LMG, RSID	Neg ALS, AP, Micro, PSA	Neg RSID	
	Item 4	Pos KM, LMG, RSID	Neg ALS, AP, Micro, PSA	Neg RSID	
LRFF9E					
	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
LTPGZE					
Item 3	Pos	O-tol	Neg PSA	NT	Human Blood, Pos HemaTrace
Item 4	Pos	O-tol	Neg PSA	NT	Human Blood, Pos HemaTrace
LTQCPC					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
LUHGXQ					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP	Neg Phadebas	
M4A6GY					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
M63VME					
Item 3	Pos	TMB, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos	TMB, HemaTrace	Neg AP	Neg RSID	
M7T336					
Item 3	Pos	PHT	Neg ALS, AP	NT	
Item 4	Pos	PHT	Neg ALS, AP	NT	
M7U4LG					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
M89GCY					
Item 3	Pos	KM, hemdirect	Neg AP	NT	
Item 4	Pos	KM, hemdirect	Neg AP	NT	
M8K3ZF					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
M8NT3G					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
MDEZRR					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
MDRNTJ					
Item 3	Pos	KM, HemaTrace	Neg PSA	NT	
Item 4	Pos	KM, HemaTrace	Neg PSA	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
MEJPRF					
Item 3	Pos	KM, HemDirect	Neg AP, Micro	NT	
Item 4	Pos	KM, HemDirect	Neg AP, Micro	NT	
MQGNL7					
Item 3	Pos	KM	Neg PSA, Micro	Neg RSID	Human, Pos PowerQuant
Item 4	Pos	KM	Neg PSA, Micro	Neg RSID	Human, Pos PowerQuant
MT66VE					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
MT6ZKC					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
MW8XV6					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	
MXFD3B					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP, PSA, Micro		
Item 4	Pos	PHT, HemaTrace	Neg ALS, AP, PSA, Micro		
N3KFFQ					
Item 3	Pos	HemDirect	NT	NT	
Item 4	Pos	HemDirect	NT	NT	
N4FU9A					
Item 3	Pos	Hexagon OBTI	Neg AP	NT	
Item 4	Pos	Hexagon OBTI	Neg AP	NT	
N4MYUE					
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	Neg ALS, phadebas	Human DNA detected, Pos Quantifiler Trio
N7N66D					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
NE3QG3					
Item 3	Pos	TMB	Neg ALS, AP	NT	species origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	species origin, Pos HemaTrace



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
NE999Z					
Item 3	Pos	O-tol, HemaTrace	Neg AP	NT	
Item 4	Pos	O-tol, HemaTrace	Neg AP	NT	
NEZ9AR					
Item 3	Pos	KM, ABACard	NT	NT	
Item 4	Pos	KM, ABACard	NT	NT	
NFKLBB					
Item 3	Pos	KM			
Item 4	Pos	KM			
NFT8CW					
Item 3	Pos	KM, HemDirect	NT	NT	
Item 4	Pos	KM, HemDirect	NT	NT	
NK67EP					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
NKN2AX					
Item 3	Pos	KM, Hemdirect	Neg AP	NT	
Item 4	Pos	KM, Hemdirect	Neg AP	NT	
NQBTF7					
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	
NQCLDD					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
NQX9Z3					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
NRRUH8					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
NVQ246					
Item 3	Pos	KM	NT	NT	Human DNA, Pos PowerQuant
Item 4	Pos	KM	Neg PSA	NT	Human DNA, Pos PowerQuant
NXDXBV					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
NYL6JQ					
Item 3	Pos	HemDirect	NT	NT	
Item 4	Pos	HemDirect	NT	NT	
NZH9LD					
Item 3	Pos	O-tol, HemaTrace			
Item 4	Pos	O-tol, HemaTrace			
P2GNKW					
Item 3	Pos	PTMB, RSID	Neg AP, PSA	NT	
Item 4	Pos	PTMB, RSID	Neg AP, PSA	NT	
P2RVGX					
Item 3	Pos	KM, hemdirect	Neg AP	NT	
Item 4	Pos	KM, hemdirect	Neg AP	NT	
P3MHT2					
Item 3	Pos	PHT	Neg ALS, AP	NT	
Item 4	Pos	PHT	Neg ALS, AP	NT	
P6CK2B					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
P6CPBD					
Item 3	Pos	KM, LMG	NT	NT	
Item 4	Pos	KM, LMG	NT	NT	
P8Z2BH					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
P9BYNZ					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
P9VUU9					
Item 3	Pos	PTMB	Neg ALS, AP		
Item 4	Pos	PTMB	Neg ALS, AP		
PD8PUC					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	
PDTAPB					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
PDZK98					
Item 3	Pos	LMG, HT	Neg AP	NT	
Item 4	Pos	LMG, HT	Neg AP	NT	
PFD8T8					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
PG69PH					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg RSID	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg RSID	
PGC4T3					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
PGPW8D					
Item 3	Pos	KM, HemDirect	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos	KM, HemDirect	Neg ALS, AP, Micro, PSA	NT	
PHVE79					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
PK2ZXF					
Item 3	Pos	Hemastix; Hexagon OBTI	NT	NT	
Item 4	Pos	Hemastix; Hexagon OBTI	NT	NT	
PK4KUV					
Item 3	Pos	KM, Hemdirect	Neg AP	NT	
Item 4	Pos	KM, Hemdirect	Neg AP	NT	
PLX4XH					
Item 3	Pos	TMB	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	Human Origin, Pos HemaTrace
PLY6EA					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	
PNNAE9					
Item 3	Pos	TMB, Takayama	NT	NT	
Item 4	Pos	TMB, Takayama	Neg AP	NT	
PPZDJJ					
Item 3	Pos	LMG	Neg AP	Neg RSID	
Item 4	Pos	LMG	Neg AP	Neg RSID	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
PTH73Y					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
PURFTB					
Item 3	Pos	TMB, HemaTrace	Neg AP	Neg RSID Saliva	
Item 4	Pos	TMB, HemaTrace	Neg AP	Neg RSID Saliva	
PVKB88					
Item 3	Pos	LMG, HT	Neg AP	NT	
Item 4	Pos	LMG, HT	Neg AP	NT	
PX9M8C					
Item 3	Pos	KM, HemDirect	NT	NT	
Item 4	Pos	KM, HemDirect	NT	NT	
PXWUPG					
Item 3	Pos	KM, RSID-Blood	NT	NT	Male-screen test, Neg NaOH Y screen
Item 4	Pos	O-toI, HemaTrace	NT	NT	Male-screen test, Pos NaOH Y screen
PY8WD2					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
Q234WC					
Item 3	Pos	KM, Hemdirect	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, Hemdirect	Neg AP, Micro, PSA	Neg Phadebas	
Q2MKCE					
Item 3	Pos	KM	Neg AP, PSA, ALS	Inc RSID, ALS	
Item 4	Pos	KM	Neg AP, PSA, ALS	Inc RSID, ALS	
Q972QA					
Item 3	Pos	KM, HemDirect, Luminol	Neg AP, Micro, ALS	Neg Amylase Diffusion	
Item 4	Pos	KM, Luminol	Neg AP, ALS	Neg Amylase Diffusion	
Q9RKL9					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
QBW87Z					
Item 3	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
QCN3T9					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
QCN84B					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
QDL9E9					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
QEEACK					
Item 3	Pos	KM, ABACard-HemaTrace	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos	KM, ABACard-HemaTrace	Neg ALS, AP, Micro, PSA	NT	
QEQ7E4					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
QEV37					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
QFTQD6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
QHBXQ7					
Item 3	Pos	KM, RSID	Neg ALS, AP, PSA	NT	
Item 4	Pos	KM, RSID	Neg ALS, AP, PSA	NT	
QJBTF4					
Item 3	Pos	KM, HemaTrace	Neg PSA	NT	
Item 4	Pos	KM, HemaTrace	Neg PSA	NT	
QNYHUL					
Item 3	Pos	PH, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos	PH, HemaTrace	Neg AP	Neg Phadebas	
QPBDFF					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
QPTJE4					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	Human origin, Pos HemaTrace, PowerQuant
Item 4	Pos	KM, HemaTrace	Neg AP	NT	Human origin, Pos HemaTrace, PowerQuant

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
<b>QQT33C</b>					
Item 3	<b>Pos</b>	KM, HemaTrace	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b>	KM, HemaTrace	<b>NT</b>	<b>NT</b>	
<b>QR688G</b>					
Item 3	<b>Pos</b>	KM	<b>Neg</b> AP, Micro	<b>Neg</b> RSID	
Item 4	<b>Pos</b>	KM	<b>Neg</b> AP, Micro	<b>Neg</b> RSID	
<b>QRYTPL</b>					
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	
<b>QTYPEJ</b>					
Item 3	<b>Pos</b>	LMG	<b>Neg</b> AP	<b>Neg</b> RSID-Saliva	
Item 4	<b>Pos</b>	LMG	<b>Neg</b> AP	<b>Neg</b> RSID-Saliva	
<b>QUP6BD</b>					
Item 3	<b>Pos</b>	KM, Seratec Hemdirect	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b>	KM, Seratec Hemdirect	<b>NT</b>	<b>NT</b>	
<b>QVG2Y8</b>					
Item 3	<b>Pos</b>	TMB	<b>Neg</b> ALS, AP	<b>NT</b>	
Item 4	<b>Pos</b>	TMB	<b>Neg</b> ALS, AP	<b>NT</b>	
<b>QX8CNE</b>					
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>	
<b>QXCMTX</b>					
Item 3	<b>Pos</b>	KM, HemDirect	<b>Neg</b> AP	<b>NT</b>	
Item 4	<b>Pos</b>	KM, HemDirect	<b>Neg</b> AP	<b>NT</b>	
<b>R2AEMG</b>					
Item 3	<b>Pos</b>	Red-brown, PPTH, O-tol, HemeDirect	<b>Neg</b> AP, Micro	<b>NT</b>	
Item 4	<b>Pos</b>	Red-brown, PPTH, O-tol, HemeDirect	<b>Neg</b> AP, Micro	<b>NT</b>	
<b>R3FWLC</b>					
Item 3	<b>Pos</b>	LMG	<b>Inc</b> ALS	<b>NT</b>	
Item 4	<b>Pos</b>	LMG	<b>Inc</b> ALS	<b>NT</b>	
<b>R4PAML</b>					
Item 3	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>Neg</b> AP	<b>NT</b>	
<b>R4UCQD</b>					
Item 3	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	
Item 4	<b>Pos</b>	KM	<b>NT</b>	<b>NT</b>	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
R6L9E8					
Item 3	Pos	TMB	Neg	ALS, AP	NT
Item 4	Pos	TMB	Neg	ALS, AP	NT
R6LDPA					
Item 3	Pos	O-tol	Neg	AP	NT
Item 4	Pos	O-tol	Neg	AP	NT
R73E4X					
Item 3	Pos	HS (TMB), HemaTrace	Neg	AP	NT
Item 4	Pos	HS (TMB), HemaTrace	Neg	AP, p30, Micro	NT
R7EACH					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
R9KRBD					
Item 3	Pos	KM	Neg	AP, Micro for Sperm	NT
Item 4	Pos	KM	Neg	AP, Micro for Sperm	NT
R9KWKF					
Item 3	Pos	Peroxidase, FOB	Neg	AP, PSA	Neg Amylase (Phadebas)
Item 4	Pos	Peroxidase, FOB	Neg	AP, PSA	Neg Amylsae (Phadebas)
RB94AJ					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
RCMPL7					
Item 3	Pos	TMB, HemaTrace	Neg	ALS, AP map, p30, Sperm search	NT
Item 4	Pos	TMB, HemaTrace	Neg	ALS, AP map, p30, Sperm search	NT
RCZB9M					
Item 3	Pos	KM	Neg	ALS, PSA	NT
Item 4	Pos	KM	Neg	ALS, PSA	NT
RF4VHF					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
RFQA3D					
Item 3	Pos	KM	Neg	AP, PSA, Micro	NT
Item 4	Pos	KM	Neg	AP, PSA, Micro	NT
RJ63K6					
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
RMQPQY					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
RPGV9B					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
RQ7B8K					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
RQLJCE					
Item 3	Pos	KM, HemDirect	Neg ALS, AP	NT	
Item 4	Pos	KM, HemDirect	Neg ALS, AP	Neg Phadebas	
RRLMX4					
Item 3	Pos	PTMB, HemaTrace	Neg ALS, AP, PSA	Neg P tab	Urine, Neg Uritrace
Item 4	Pos	PTMB, HemaTrace	Neg ALS, AP, PSA	Neg P tab	Urine, Neg Uritrace
RRWGNB					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
RRWH8N					
Item 3	Pos	KM, HemaTrace	Neg Micro, PSA	Neg RSID	Male DNA, Neg Y-screening
Item 4	Pos	KM, HemaTrace	Neg Micro, PSA	Neg RSID	Male DNA, Pos Y-screening
RUJZP9					
Item 3	NT		NT	NT	Human, Pos Quant Duo
Item 4	NT		NT	NT	Human, Pos Quant Duo
RXRCHW					
Item 3	Pos	O-tol, ABA card HemaTrace	NT	NT	
Item 4	Pos	O-tol, ABA card HemaTrace	NT	NT	
RZRKL7					
Item 3	Pos	KM, HB	Neg AP	NT	Y-screening, Neg Promega Casework Direct
Item 4	Pos	KM, HB	Neg AP	NT	Y-screening, Pos Promega Casework Direct



TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
T23QLN				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
T2MC9D				
Item 3	Pos LMG	Neg ALS, AP	NT	
Item 4	Pos LMG	Neg ALS, AP	NT	
T3DK9F				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
T3TYHB				
Item 3	Pos LMG, HemaTrace	NT	NT	Y-Screen, Neg
Item 4	Pos LMG, HemaTrace	NT	NT	Y-Screen, Pos
T6EQLZ				
Item 3	Pos LMG, HemaTrace	Neg Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Neg Micro, PSA	NT	
T6J6X2				
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	
T7B7VC				
Item 3	Pos KM, HemDirect	Neg ALS, AP	NT	
Item 4	Pos KM, HemDirect	Neg ALS, AP	NT	
T9HGU2				
Item 3	Pos KM, HemDirect	Neg ALS, AP, Micro	Neg RSID Saliva	
Item 4	Pos KM, HemDirect	Neg ALS, AP, Micro	Neg RSID Saliva	
TCJKN9				
Item 3	Pos KM	Neg ALS, AP, Micro	Neg ALS, Phadebas	Human DNA detected, Pos Quant Trio
Item 4	Pos KM	Neg ALS, AP, Micro	Neg ALS, Phadebas	Human DNA detected, Pos Quant Trio
TCZMKA				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
TE2R2B				
Item 3	Pos KM, LMG, HemaTrace	Neg ALS, AP, PSA, Micro	Neg SALIgAE	
Item 4	Pos KM, LMG, HemaTrace	Neg ALS, AP, PSA, Micro	Neg SALIgAE	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
TFNYKF					
Item 3	Pos	KM, O-tol, RSID	NT	NT	screen for male DNA, Neg NaOH Y screen
Item 4	Pos	KM, HemaTrace	NT	NT	screen for male DNA, Pos NaOH Y screen
TGBR7H					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
TGGV99					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
TJ2TC7					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
TJ2XM9					
Item 3	Pos	O-tol, HemaTrace	Neg AP		
Item 4	Pos	O-tol, HemaTrace	Neg AP		
TLPALD					
Item 3	Pos	HemaTrace	NT	NT	
Item 4	Pos	HemaTrace	NT	NT	
TNZ3NT					
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
TP4ZQ9					
Item 3	Pos	KM, hemdirect	Neg AP	NT	
Item 4	Pos	KM, hemdirect	Neg AP	NT	
TPQJM8					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
TQXV64					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
TQYQV2					
Item 3	Pos	KM, Takayama	Neg AP	Neg Phadebas	
Item 4	Pos	KM, Takayama	Neg AP	Neg Phadebas	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
TRGHZ7					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
TT46FL					
Item 3	Pos	RSID	Neg PSA	Neg RSID	
Item 4	Pos	RSID	Neg PSA	Neg RSID	
TTQHAT					
Item 3	Pos	O-tol	Neg AP	NT	
Item 4	Pos	O-tol	Neg AP	NT	
TVTP37					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
TVZD4X					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
TXLC8U					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
TYAPPD					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
TYAUZF					
Item 3	Pos	KM, Hb	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos	KM, Hb	Neg ALS, AP, Micro, PSA	NT	
TYZNXD					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
TZ92EE					
Item 3	Pos	KM	Neg AP, Micro	Neg RSID	
Item 4	Pos	KM	Neg AP, Micro	Neg RSID	
TZP9AB					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
TZQYN7					
Item 3	Pos	PTMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	PTMB	NT	Neg Phadebas	Urine, Neg Uritrace

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
U38TU6					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
U39MDB					
Item 3	Pos	PTMB, Precipitin	Neg AP	Neg Amylase	
Item 4	Pos	PTMB, Precipitin	Neg AP	Neg Amylase	
U4HRQY					
Item 3	Pos	KM	Neg AP	NT	Human, Pos PowerQuant
Item 4	Pos	KM	Neg AP	NT	Human, Pos PowerQuant
U6ATNA					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
U83FRY					
Item 3	Pos	PTMB, HemaTrace	Neg ALS, AP, PSA	Neg Phadebas	Urine, Neg Uritrace
Item 4	Pos	PTMB, HemaTrace	Neg ALS, AP, PSA	Neg Phadebas	Urine, Neg Uritrace
UE6PXR					
Item 3	Pos	TMB, HemaTrace	Neg AP, p30, Micro	Neg Amylase Diffusion	
Item 4	Pos	TMB, HemaTrace	Neg AP, p30, Micro	Neg Amylase Diffusion	
UEKTQX					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
UH38UY					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
UKRJT4					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP, Micro	NT	
Item 4	Pos	TMB, HemaTrace	Neg ALS, AP, Micro	NT	
UME3U2					
Item 3	Pos	LMG, HemaTrace	Neg Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg Micro	NT	
UXEG3E					
Item 3	Pos	TMB, HemaTrace	Neg AP, PSA		
Item 4	Pos	TMB, HemaTrace	Neg AP, PSA		

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
UXVZKR					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
UY9CGB					
Item 3	Pos	PTMB	Neg AP	NT	
Item 4	Pos	PTMB	Neg AP	NT	
UZZBV9					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
V76QG3					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
V7LRHJ					
Item 3	Pos	hemochromogen	NT	NT	
Item 4	Pos	hemochromogen	NT	NT	
V9AANB					
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
V9FH26					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
VB4UZH					
Item 3	Pos	KM	Neg ALS	NT	
Item 4	Pos	KM	Neg ALS	NT	
VBZF62					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
VCC3U3					
Item 3	Pos	Kastle Meyer	NT	NT	
Item 4	Pos	Kastle Meyer	NT	NT	
VCCXJZ					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg RSID Saliva	
Item 4	Pos	KM, HemaTrace	Neg AP	Neg RSID Saliva	
VDHKTY					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
VDNR48					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
VEGPCD					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
VFXNXC					
Item 3	Pos	KM	Neg Micro, PSA	NT	
Item 4	Pos	KM	Neg Micro, PSA	NT	
VL6GR8					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
VPELDF					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
VPN94A					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
VPZ9Z4					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
VQA887					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
VRK74Z					
Item 3	Pos	TMB, Takayama	Neg AP	NT	
Item 4	Pos	TMB, Takayama	Neg AP	NT	
VT24VZ					
Item 3	Pos	PHT	Neg ALS, AP	NT	
Item 4	Pos	PHT	Neg ALS, AP	NT	
VTGQNE					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Radial Diffusion	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Radial Diffusion	
VTNKYA					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
VU9H37	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
W3DG3	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
VX8Y99	Item 3	Pos KM	Neg AP, Micro	NT	
	Item 4	Pos KM	Neg AP, Micro	NT	
W29BY8	Item 3	Pos LMG	NT	NT	
	Item 4	Pos LMG	NT	NT	
W4T934	Item 3	Pos Luminol, KM, HemDirect	Neg ALS, AP, Micro	NT	
	Item 4	Pos Luminol, KM	Neg ALS, AP, Micro	NT	
W6M4GY	Item 3	Pos KM, HemaTrace	NT	NT	
	Item 4	Pos KM, HemaTrace	NT	NT	
W8FQKN	Item 3	Pos KM, HemDirect	Neg AP	NT	
	Item 4	Pos KM, HemDirect	Neg AP	NT	
W98T2C	Item 3	Pos KM	Neg ALS, AP	NT	
	Item 4	Pos KM	Neg ALS, AP	NT	
W9N3Z6	Item 3	Pos KM, hemdirect	Neg AP	NT	
	Item 4	Pos KM, hemdirect	Neg AP	NT	
WA2HNE	Item 3	Pos ALS, LMG, RSID, Hemastix	Neg ALS, AP	Neg ALS, Phadebas	
	Item 4	Pos ALS, LMG, RSID, Hemastix	Neg ALS, AP	Neg ALS, Phadebas	
WBVH9W	Item 3	Pos O-tol	Neg AP	NT	
	Item 4	Pos O-tol	Neg AP	NT	
WDKM7A	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
WEVPR9					
Item 3	Pos	LMG	Neg AP, ALS	NT	
Item 4	Pos	LMG	Neg AP, ALS	NT	
WEWAQA					
Item 3	Pos	KM			Male Screen, Neg NaOH rtPCR screen
Item 4	Pos	KM			Male Screen, Pos NaOH rtPCR screen
WHH4KP					
Item 3	Pos	PTMB	Neg AP, PSA, ALS		
Item 4	Pos	PTMB	Neg AP, PSA, ALS		
WKK74Y					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
WM8Q6W					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos	KM, HemaTrace	Neg AP	Neg RSID	
WNMV8					
Item 3	Pos	KM	Neg AP, PSA, Micro	NT	
Item 4	Pos	KM	Neg AP, PSA, Micro	NT	
WPRJZC					
Item 3	Pos	RSID Blood	Neg RSID Semen	Neg RSID Saliva	
Item 4	Pos	RSID Blood	Neg RSID Semen	Neg RSID Saliva	
WPTEPA					
Item 3	Pos	ALS, KM			
Item 4	Pos	ALS, KM			
WU9VAY					
Item 3	Pos	PTMB	NT	Neg phadebas	
Item 4	Pos	PTMB	NT	NT	
WVMAPV					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
WYY493					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
WWG2P9					
Item 3	Pos	LMG	Neg Acid Phosphatase, ALS	NT	
Item 4	Pos	LMG	Neg Acid Phosphatase, ALS	NT	



TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
WY3YR6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
WZT8R9					
Item 3	Pos	KM	NT	NT	Human, Pos HemaTrace
Item 4	Pos	KM	NT	NT	Human, Pos HemaTrace
X26X4X					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
X32HNC					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	Y-screening, Neg Quantifiler Trio
Item 4	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	Y-screening, Pos Quantifiler Trio
X4AKK9					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
X64FY6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
X7DPMV					
Item 3	Pos	LMG, HemaTrace	Neg AP, PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP, PSA, Micro	NT	
X93V68					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	Neg PSA	NT	
XDJZD3					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
XDXKR7					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
XEPLPG					
Item 3	Pos	KM	Neg AP	Neg Amylase (Phadebas)	
Item 4	Pos	KM	Neg AP	Neg Amylase (Phadebas)	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
XF8CC9						
Item 3	Pos	LMG	NT	NT	Human Blood, Pos RSID-Blood	
Item 4	Pos	LMG	NT	NT	Human Blood, Pos RSID-Blood	
XGWWN7						
Item 3	Pos	KM	NT	NT		
Item 4	Pos	KM	NT	NT		
XJL9MB						
Item 3	Pos	KM	NT	NT		
Item 4	Pos	KM	NT	NT		
XLN9GG						
Item 3	Pos	KM	NT	NT		
Item 4	Pos	KM	NT	NT		
XREKH6						
Item 3	Pos	KM, HemDirect	Neg	ALS, AP, Micro, PSA	NT	
Item 4	Pos	KM, HemDirect	Neg	ALS, AP, Micro, PSA	NT	
XRHWMN						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Neg	AP	NT	
XTTX9M						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Neg	AP	NT	
XUNGDA						
Item 3	Pos	TMB, PHT	Neg	AP, ALS	NT	species origin, Pos HemaTrace
Item 4	Pos	TMB, PHT	Neg	AP, ALS	NT	species origin, Pos HemaTrace
XVHCR6						
Item 3	Pos	KM, HemaTrace	NT	NT		
Item 4	Pos	KM, HemaTrace	NT	NT		
XWACNF						
Item 3	Pos	LUMINOL (BLUESTAR) and HEXAGON OBTI TEST	Neg	AP	Neg	PHADEBAS
Item 4	Pos	LUMINOL (BLUESTAR) and HEXAGON OBTI TEST	Neg	AP	Neg	PHADEBAS
XZEQM8						
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
Y4DHE6					
Item 3	Pos	LMG	Inc ALS	NT	
Item 4	Pos	LMG	Inc ALS	NT	
Y4NGCY					
Item 3	NT		NT	NT	Y-screening, Neg Promega Casework Direct Kit
Item 4	NT		NT	NT	Y-screening, Pos Promega Casework Direct Kit
Y8CTB6					
Item 3	Pos	LMG	Neg ALS, AP	NT	
Item 4	Pos	LMG	Neg ALS, AP	NT	
Y8LYD8					
Item 3	Pos	KM, Human card test	Neg ALS, AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, Human card test	Neg ALS, AP, Micro, PSA	Neg Phadebas	
YCVELV					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
YDTK6B					
Item 3	Pos	Heme	Neg PSA, Micro	NT	
Item 4	Pos	Heme	Neg PSA, Micro	NT	
YGTUFD					
Item 3	Pos	O-tol	Neg AP	NT	
Item 4	Pos	O-tol	Neg AP	NT	
YKQDD6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
YKWB6U					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
YM4QCZ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
YMJ6RW					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
YMYHY7					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
YNB6P8					
	Item 3	Pos HemaTrace	Neg AP	NT	
	Item 4	Pos HemaTrace	Neg AP	NT	
YP8LV3					
	Item 3	Pos KM, HemaTrace	NT	NT	
	Item 4	Pos KM, HemaTrace	NT	NT	
YQ27W					
	Item 3	Pos KM	NT	NT	Human Origin, Pos Promega PowerQuant
	Item 4	Pos KM	NT	NT	Human Origin, Pos Promega PowerQuant
YQZB6X					
	Item 3	Pos KM, HemaTrace	NT	NT	
	Item 4	Pos KM, HemaTrace	NT	NT	
YRT8R7					
	Item 3	Pos KM, qRT-PCR	NT	NT	
	Item 4	Pos KM, qRT-PCR	NT	NT	
Z7RLEL					
	Item 3	Pos TMB	Neg ALS, AP	NT	
	Item 4	Pos TMB	Neg ALS, AP	NT	
Z9RYTY					
	Item 3	Pos TMB, Hemtrace	Neg ALS, AP	NT	
	Item 4	Pos TMB, HemaTrace	Neg ALS, AP	NT	
ZABHZQ					
	Item 3	Pos TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
	Item 4	Pos TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
ZB7AZ4					
	Item 3	Pos KM, Hemastix	Neg AP, p30, Micro	Neg Amylase radial Diffusion	
	Item 4	Pos KM, Hemastix	Neg AP, p30, Micro	Neg Amylase radial Diffusion	
ZDQ94Z					
	Item 3	Pos KM	Neg AP	Neg Phadebas	
	Item 4	Pos KM	Neg AP	Neg Phadebas	
ZFLHN4					
	Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadabus	
	Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadabus	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
ZKRD84					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
ZR9WG6					
Item 3	Pos	LMG	Neg ALS, AP	NT	
Item 4	Pos	LMG	Neg ALS, AP	NT	
ZTWQMK					
Item 3	Pos	ABAcad HemaTrace	Neg ABAcad p30	NT	
Item 4	Pos	ABAcad HemaTrace	Neg ABAcad p30	NT	
ZZLPUL					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	

Table 1: Serology Screening Response Summary				Item 3	Participants: 630
ITEM 3:	Blood	Semen	Saliva		
Positive	622	0	0		
Negative	0	383	108		
Inconclusive	0	3	1		
Not Tested (NT)	8	238	504		
Not Reported	0	6	17		

Table 1: Serology Screening Response Summary				Item 4	Participants: 630
ITEM 4:	Blood	Semen	Saliva		
Positive	622	0	0		
Negative	0	396	109		
Inconclusive	0	3	1		
Not Tested (NT)	8	225	501		
Not Reported	0	6	19		

# STR Amplification Kit(s) & Results

TABLE 2

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

## Item 1 - STR Results

22ATU7	PowerPlex® Fusion 6C					
	17,3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
23ANJ4	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
23NE7T	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
24F7KK	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
24YYBW	PowerPlex® Fusion					
	17,3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
298MLD	PowerPlex® Fusion 6C					
	17,3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 1 - STR Results

29DQN6	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
2A7K3Z	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
2BYLZB	PowerPlex® Fusion 5C, MiniFiler					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17	No Results				
2FPTK6	GlobalFiler™ (TrueAllele)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
2JXUV4	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
2KZ734	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
2LY4JQ	Investigator® 24plex					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 1 - STR Results

2QRDKC	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
2UFNWP	PowerPlex® Fusion 6C Direct					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
2W3833	GlobalFiler™ Express					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NM			NM	
2WVBEB	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
2WZMZL	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
2XV749	Investigator® 24plex					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
2XWUUY	GlobalFiler™ (STRmix v2.5)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	



TABLE 2

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

Item 1 - STR Results

2ZGRWV	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
32MJGV	PowerPlex® Fusion					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
3BYWGZ	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
3C4LHN	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
3CN3XQ	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
3CP4G3	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	---			---	
3HDM27	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

Item 1 - STR Results

3HT2B2	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
3KHC2U	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
3LB9N3	PowerPlex® Fusion					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
3MKD2Q	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
3N6X63	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
3PAJK3	PowerPlex® Fusion					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
3QQTJV	Investigator® 24plex QS					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 1 - STR Results

3RGRXT	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
3RHUG7	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
3U9ZWW	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
3UATU4	PowerPlex® F6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
3Y2XN9	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
43GTX4	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
43W9UR	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 1 - STR Results

43X4JP	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
463Q22	PowerPlex® Fusion 6C, Investigator® 24plex QS					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
46PVXG	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
474BFP	GlobalFiler™ (STRMIX)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
49N9JL	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
4FJHEC	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
4FZE8C	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	{10,11}	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	No Results			No Results	

TABLE 2

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

## Item 1 - STR Results

4L7BQC	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
4LP6FT	GlobalFiler™ Express (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	-			-	
4LTHB2	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
4NDGEY	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	No Results			No Results	
4P8BTU	Identifiler® Direct					
		19,20		16,16	8,11	
1	10,11	11,12			12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17,17					
4RVMRZ	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
4RZXWJ	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 1 - STR Results

4WT9UN	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
4YD7XK	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
4ZWTW3	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
63A6XC	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17					
63DF3V	Investigator® 24plex QS					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
66FMW8	GlobalFiler™ Express					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	No Results			No Results	
67VLFW	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 1 - STR Results

6AGJWZ	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
6CJJQ6	PowerPlex® 21, ESX17, CS7, VERIFILER PLUS					
	17.3	19,20	10,11.3	16	8,11	11,12
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
6CL36U	GlobalFiler™ Globalfiler Express					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NID			NID	
6FHXDV	GlobalFiler™ Express					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
6GCNGN	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
6J6FVF	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
6JEPJ7	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 1 - STR Results

6JZ6QW	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
6K9EMZ	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	no results			no results	
6KEK94	Investigator® 24plex (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
6KF9XV	GlobalFiler™ (STRMix v2.5)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
6KYX3	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
6LLUBA	PowerPlex® 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
6MZ72R	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					



TABLE 2

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

## Item 1 - STR Results

6NR8Y3	PowerPlex® F6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
6RETRP	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
6RQQWU	Identifiler® Plus					
		19,20		16	8,11	
1	10,11	11,12			12,14	11
	16,17	13,15	29,31.2		X	11,12
	20,22				9,9.3	8,9
	17					
6T4DGU	Investigator® 24plex QS					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
6VVDD6	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
6WKJUV	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	NA
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	NA	9,9.3	8,9
	17	NR/NE	NA	NA	NA	
6YNFDY	PowerPlex® Fusion					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				

TABLE 2

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

Item 1 - STR Results

6YTQHH	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
6ZNDUL	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
738RXM	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
74496H	PowerPlex® PP21					
	17.3,17.3	19,20		16,16	8,11	11,12
1	10,11	11,12		20,21	12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
79WDV2	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
7B3UZX	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
7DQ7Y4	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

Item 1 - STR Results

7DULEP	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
7E29K3	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
7FCTRQ	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17	NR	NR	NR		
7JCARR	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
7M38PY	GlobalFiler™ Express					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
7MW7EW	GlobalFiler™ Express					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
7P49EA	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	-				

TABLE 2

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

## Item 1 - STR Results

7PM6TV	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
7QDB9L	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
7QDRX	PowerPlex® Fusion					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
7UDJDV	Identifiler® Plus					
		19,20		16,16	8,11	
1	10,11	11,12			12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17,17					
7UELW9	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
7W2VC2	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
7W4QTL	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	

TABLE 2

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

## Item 1 - STR Results

7W79ZX	GlobalFiler™ Express					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
7WK7LU	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
7WLYK2	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
7WZ4ET	Identifiler® DIRECT					
		19,20		16	8,11	
1	10,11	11,12			12,14	11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17					
7YCTPH	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
7ZKAF2	PowerPlex® F6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
7ZMQ2E	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 1 - STR Results

82GRMW	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
833PPT	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
88XL9T	Investigator® 24plex (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
8A27A8	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
8BGH7J	PowerPlex® Fusion 6C Direct					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
8EXVQE	GlobalFiler™ PCR Amplification Kit					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
8G73AY	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 1 - STR Results

8JQZCV	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
8K3HRV	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
8K4JB8	PowerPlex® Fusion 6c					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
8KKVQR	Identifiler® Plus					
		19,20		16	8,11	
1	10,11	11,12			12,14	11
	16,17	13,15	29,31.2		X	11,12
	20,22				9,9.3	8,9
	17					
8KRJRK	PowerPlex® Fusion 6C Direct					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
8MDHUG	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
8MT2EE	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 1 - STR Results

8MVHP7	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17	No Results				
8NLRKT	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	No Result			No Result	
8R4UNR	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
8UBAWJ	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
8XN7ED	GlobalFiler™ PCR Amplification Kit					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
8XTFMR	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
96NZTR	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	NA
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	NA	9,9.3	8,9
	17	NR/NE	NA	NA	NA	



TABLE 2

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

## Item 1 - STR Results

96PTRY	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
98BBAK	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
98CCTW	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
98FMXG	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
9BAT6Q	Identifiler® Plus					
		19,20		16	8,11	
1	10,11	11,12			12,14	11
	16,17	13,15	29,31.2		X	11,12
	20,22				9,9.3	8,9
	17					
9C83CF	PowerPlex® 21					
	17.3,17.3	19,20		16,16	8,11	11,12
1	10,11	11,12		20,21	12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
9GH8XN	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 1 - STR Results

9GP6GZ	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17	ND	ND	ND		
9GXD98	GlobalFiler™					
	17.3,17.3	{19,20}	10,11.3	16,16	{8,11}	Not Tested
1	{10,11}	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	Not Tested	Not Tested	17,28.2	9,9.3	8,9
	17,17	No Results	Not Tested	Not Tested	No Results	
9JA4KW	Investigator® 24plex QS					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
9JL3GQ	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
9KPGDZ	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17	ND	ND	ND		
9KZAZM	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
9KZEBP	PowerPlex® Fusion					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				

TABLE 2

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

9LVUML	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
9M4AUR	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	NA
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	NA	9,9.3	8,9
	17	NR/NE	NA	NA	NA	
9MAEFW	Investigator® 24plex QS					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
9MBXVK	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
9PRLTX	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	--			--	
9PVWXG	PowerPlex® Fusion6C					
	17.3	19,20	10,11.3	16	8,11	-----
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17		-----	-----	-----	
9Q8VTQ	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

Item 1 - STR Results

9Y3XU2	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
9Y4GAQ	GlobalFiler™ Express (STRmix v 2.6)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NID			NID	
9ZA3L6	PowerPlex® Fusion					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17	No Results				
A32GRU	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
A3E7TK	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
AAH8XL	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
AAY7AX	PowerPlex® F6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

Item 1 - STR Results

AB9FXN	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
ABA9VW	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
ABF4XG	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
AD232D	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
ADEWET	GlobalFiler™ Express					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
AEAQW	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
AEPFJW	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	No Results			No Results	

TABLE 2

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

## Item 1 - STR Results

AEPKUY	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
AEVQF3	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
AEWL6Z	Investigator® 24plex (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
AGD6PU	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
AGV29G	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
AGW3RU	PowerPlex® fusion					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
AGZDWD	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

Item 1 - STR Results

AHVWZZ	Investigator® 24plex (STRmix)					
	17,3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
AJY23M	GlobalFiler™					
	17,3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
ALRN7C	PowerPlex® Fusion 6C					
	17,3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
ANG498	GlobalFiler™					
	17,3	19,20	10,11.3	16	8,11	NT
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	NT	NT	17,28.2	9,9.3	8,9
	17	NR	NT	NT	NR	
APNGVZ	GlobalFiler™					
	17,3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
ATAXEL	GlobalFiler™					
	17,3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	/			/	
ATFG7H	GlobalFiler™					
	17,3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	

TABLE 2

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

## Item 1 - STR Results

AU6J2K	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	No tested
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	Not tested	Not tested	17,28.2	9,9.3	8,9
	17,17	Not detected	Not tested	Not tested	Not detected	
AULTZD	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	not tested
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17	no result	no result	no result	not tested	
AUZEAE	PowerPlex® FUSION 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
AZBBC4	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
B66D7V	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
B8Q9JM	Investigator® 24plex QS					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
B9HAGY	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					



TABLE 2

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

## Item 1 - STR Results

BAC3CG	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
BB4DRG	Investigator® 24plex					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
BCL8RQ	Identifiler® Plus					
		19,20		16,16	8,11	
1	10,11	11,12			12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17,17					
BDBD9G	PowerPlex® Fusion					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	NR				
BDE2JU	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
BE9QTN	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
BFZZMQ	Investigator® 24plex GO					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

Item 1 - STR Results

BGPBDJ	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	No result			No result	
BKUULC	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
BLLVJN	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
BLLYUQ	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
BM6MPR	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
BPTYNX	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
BQ3ZFX	PowerPlex® F6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 1 - STR Results

BREXRU	Investigator® 24plex QS					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
BT7TGN	Investigator® 24plex QS					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
BU4C7W	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
BVUAQV	PowerPlex® F6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
BWPUNG	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
BYBRRD	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
BZN4NX	PowerPlex® F6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 1 - STR Results

C2RJ7M	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	NR				
C2XNRR	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
C2Z87F	PowerPlex® FUSION6C DIRECT					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
C37PR6	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17					
C3B7ZN	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
C4K6AC	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
C6FTN2	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

Item 1 - STR Results

C79WZ9	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
CBJWAT	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	No results			No results	
CBLH8U	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
CBQPKN	GlobalFiler™ (STRmix 2.5)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
CD8DJ2	Identifiler® Plus					
		19,20		16	8,11	
1	10,11	11,12			12,14	11
	16,17	13,15	29,31.2		X	11,12
	20,22				9,9.3	8,9
	17					
CDCNMK	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
CDR6FT	GlobalFiler™ Express					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 1 - STR Results

CFABUU	GlobalFiler™ (TrueAllele)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
CFC23X	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
CFXFMU	GlobalFiler™ Express					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
CHHEQQ	GlobalFiler™ Express					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
CJCA6M	Identifiler® Direct					
		19,20		16	8,11	
1	10,11	11,12			12,14	11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17					
CJD23U	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
CJKX6E	PowerPlex® Fusion 6C Direct					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 1 - STR Results

CJV44	GlobalFiler™, Investigator® 24plex QS					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
CKQPMU	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
CKTAKV	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
CL6W9B	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
CLZL4R	PowerPlex® Fusion (STRMix v2.408)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
CMD9NR	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
CPLBN6	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

Item 1 - STR Results

CPYQHQ	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
CRATUW	Investigator® 24plex (STRMix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
CRFZ8Q	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
CUVLMQ	PowerPlex® FUSION 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
CUZYAM	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
CVEERV	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
CWH6NN	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					



TABLE 2

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

## Item 1 - STR Results

CWNBAT	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
CWPDPP	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
CYACRL	Investigator® 24plex QS					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
CYDPNU	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
D36CJ3	PowerPlex® Fusion5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
D69CD8	GlobalFiler™ PCR Amplification kit					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
D6CP8V	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 1 - STR Results

D7KR89	GlobalFiler™ PCR Amplification Kit					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
D7P49C	PowerPlex® 21					
	17.3,17.3	19,20		16,16	8,11	11,12
1	10,11	11,12		20,21	12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
D8Y8PF	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
D9A3B9	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
DBZHC4	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
DCU49F	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	NR				
DDL2G	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	

TABLE 2

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

Item 1 - STR Results

DDM2D2	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
DFQRM2	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
DGPG4P	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
DHYQ9V	Investigator® 24plex (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
DJAW6W	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
DJTLMR	NGM Select					
	17.3	19,20	10,11.3	16		
1		11,12	13,14	20,21		11
	16,17	13,15	29,31.2	15,16	X	
	20,22			17,28.2	9,9.3	
	17					
DLKJ2Q	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					

TABLE 2

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

Item 1 - STR Results

DLZ4LM	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	NT				
DQUZAE	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
DTEPUR	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
DUTB7E	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
DV3GLN	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
DXTHRC	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
DY72M3	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	Not tested
1	10,11	{11,12}	13,14	20,21	{12,14}	11,11
	16,17	13,15	{29,31.2}	{15,16}	X,X	11,12
	20,22	Not tested	Not tested	{17,28.2}	9,9.3	8,9
	17,17	No Results	Not tested	Not tested	No Results	

TABLE 2

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

## Item 1 - STR Results

E2UWZM	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
E4H9ZT	GlobalFiler™ (STRmix v2.5)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
E6QGTK	Identifiler® Direct					
		19,20		16	8,11	
1	10,11	11,12			12,14	11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17					
E6R9RT	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
E7HF8J	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	NA
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	NA	9,9.3	8,9
	17	NR/NE	NA	NA	NA	
E7NQXN	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
E9RLGQ	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	

TABLE 2

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

## Item 1 - STR Results

EA9HAQ	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
EAYVJW	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
EBTKMP	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
ECE3YC	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
EEYRJP	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
EPTM3C	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
EQ8UNT	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 1 - STR Results

ER4BUN	GlobalFiler™ Express					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
ERHNAL	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
ETAP8W	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
ETAUHY	Identifiler® Plus					
		19,20		16	8,11	
1	10,11	11,12			12,14	11
	16,17	13,15	29,31.2		X	11,12
	20,22				9,9.3	8,9
	17					
ETE9VY	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
EVZVNM	PowerPlex® FUSION 5C					
	17.3	19,20	10,11.3	16	8,11	NA
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	NA	9,9.3	8,9
	17	NR/NE	NA	NA	NA	
F6MCQL	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 1 - STR Results

F74AHL	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
F9N8LH	Investigator® 24plex QS					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
FBX78C	PowerPlex® ESX 16 Fast (GeneMapper ID-X)					
	17.3,17.3	19,20	10,11.3	16,16		
1		11,12	13,14	20,21		11,11
	16,17	13,15	29,31.2	15,16	X,X	
	20,22				9,9.3	
	17,17					
FDVXNN	GlobalFiler™ Express (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
FEDXVK	GlobalFiler™ (STRmix v2.5)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
FEXH3C	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
FGHF79	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					



TABLE 2

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

## Item 1 - STR Results

FJF4CH	Identifiler® Direct					
		19,20		16,16	8,11	
1	10,11	11,12			12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17,17					
FJNX7P	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
FLBH8M	GlobalFiler™ Express					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
FM9PF8	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
FN2NND	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
FPFYVJ	GlobalFiler™ Express					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
FPTNLP	PowerPlex® fusion					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				

TABLE 2

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

FYGJVQ	GlobalFiler™ Express (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
G89BTH	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
G9HF9R	Investigator® 24plex (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
G9MNLL	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
GAWTYA	PowerPlex® Fusion 6C Direct					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
GB8LPH	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
GCGQ38	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

Item 1 - STR Results

GD9WBK	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
GDCEGV	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
GGXWYG	GlobalFiler™ Express (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	-			-	
GPNQNY	PowerPlex® Fusion					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17					
GRWUKV	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
GTMZZL	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
GVCBZQ	PowerPlex® F6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 1 - STR Results

H4LYHJ	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
H6V3YN	PowerPlex® F6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
H783VH	Identifiler® Plus					
		19,20		16,16	8,11	
1	10,11	11,12			12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17,17					
H8YXHR	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
HAP6YH	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	NR				
HB224M	PowerPlex® Fusion					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
HB6C97	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 1 - STR Results

HD8CBN	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
HDR7XJ	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
HDUN8B	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
HE23EG	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
HE28PJ	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
HFFHWP	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
HFT4CT	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	ND			ND	

TABLE 2

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

## Item 1 - STR Results

HFT9MV	Identifiler® Plus					
		19,20		16	8,11	
1	10,11	11,12			12,14	11
	16,17	13,15	29,31.2		X	11,12
	20,22				9,9.3	8,9
	17					
HFVXTD	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
HHLVQK	Investigator® 24plex GO!					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR				
HJ2ZEA	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
HK7YZ3	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
HKRDNF	Investigator® 24plex QS					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
HQVJ4H	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 1 - STR Results

HR79JN	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
HRNEHE	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
HT4KEG	GlobalFiler™ (STRmix v2.5)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
HUDQGK	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
HUG2L4	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
HW8FXK	GlobalFiler™ (STRMix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
HXEKPM	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 1 - STR Results

HY8F4J	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
17						
J6AXUV	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	NT
	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
17	NR	NR	NR	NT		
J6F849	Investigator® 24plex QS					
	17.3	19,20	10,11.3	16	8,11	
	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
17	-					
J9DP6G	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
17	NR					
JBK3TA	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
17,17						
JCB289	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
17,17						
JELYKP	Investigator® 24plex (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
17						



TABLE 2

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

## Item 1 - STR Results

JFC6ZF	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
JGN7GM	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
JHECWD	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	NA
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	NA	9,9.3	8,9
	17	NR/NE	NA	NA	NA	
JJCL2G	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
JPWHTK	GlobalFiler™ Express					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NM			NM	
JPZ9WM	GlobalFiler™ Express (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
JR6TRA	Investigator® 24plex					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

Item 1 - STR Results

JT388E	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NA			NA	
JTLQE8	PowerPlex® Fusion 6C Direct					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
JW2CVT	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
JXRJCJ	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
JYC2N7	PowerPlex® 21					
	17.3,17.3	19,20		16,16	8,11	11,12
1	10,11	11,12		20,21	12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22	8,10	8,18		9,9.3	NR
	17,17					
K26X22	PowerPlex® Fusion 6C (STRMix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
K2WCZF	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	

TABLE 2

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

## Item 1 - STR Results

K4GB4D	GlobalFiler™ Express (STRmix™)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	-			-	
K68J3F	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	NA
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	NA	9,9.3	8,9
	17	NR/NE	NA	NA	NA	
K7L4VQ	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
K8CACG	Identifiler® Plus					
		19,20		16,16	8,11	
1	10,11	11,12			12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17,17					
KC9YN8	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
KHDUE9	PowerPlex® F6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
KMBWWG	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 1 - STR Results

KMK882	GlobalFiler™ PCR Amplification Kit					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
KUP7XH	GlobalFiler™ Express					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
KWF847	PowerPlex® Fusion 6C Direct					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
KY6DLH	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
KZBYYW	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
KZVTLR	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
L4DBGH	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 1 - STR Results

L7VGUJ	PowerPlex® Fusion					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
L94P2H	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
L9J4BD	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
LAB69N	PowerPlex® ESI FAST 16					
	17.3,17.3	19,20	10,11.3	16,16		
1		11,12	13,14	20,21		11,11
	16,17	13,15	29,31.2	15,16	X,X	
	20,22				9,9.3	
	17,17					
LBR7BQ	PowerPlex® Fusion					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
LC2BNE	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
LETXR4	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 1 - STR Results

LGE23M	Investigator® 24plex (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
LGWXL	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
LHDZJA	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
LNEBK9	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	N/R			N/R	
LNHQX9	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
LNDAH7	Investigator® 24plex					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
LPDHXL	PowerPlex® F6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 1 - STR Results

LQ6DMF	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
LREEEF	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
LRFF9E	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
LTPGZE	Identifiler® Plus					
		19,20		16,16	8,11	
1	10,11	11,12			12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17,17					
LTQCPC	Investigator® 24plex QS					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
LUHGXQ	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	No Results				
M4A6GY	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 1 - STR Results

M63VME	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
M7T336	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
M7U4LG	PowerPlex® Fusion					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
M89GKY	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
M8K3ZF	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
M8NT3G	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
MDEZRR	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					



TABLE 2

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

## Item 1 - STR Results

MDRNTJ	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
MEJPRF	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
MQGNL7	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
MT66VE	GlobalFiler™ Express					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NM			NM	
MT6ZKC	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
N2UCQP	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17	No Results			No Results	
N3KFFQ	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17	NR	NR	NR		

TABLE 2

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

## Item 1 - STR Results

N4FU9A	PowerPlex® Fusion 6C, GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
N4MYUE	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	No Results			No Results	
N7N66D	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
N8679F	PowerPlex® Fusion, 21, CS7, Verifiler Express					
	17.3	19,20	10,11.3	16	8,11	11,12
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17					
NE3QG3	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
NE999Z	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
NEZ9AR	PowerPlex® fusion					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					

TABLE 2

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

Item 1 - STR Results

NFKLB	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
NFT8CW	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
NK67EP	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
NKN2AX	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
NQBT7	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17					
NQCLDD	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
NQX9Z3	PowerPlex® Fusion 6C Direct					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 1 - STR Results

NRRUH8	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
NVQ246	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
NXDXBV	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
NYL6JQ	PowerPlex® 5C, 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
NZGHDB	PowerPlex® 5C (BulletProof)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
NZH9LD	Identifiler® plus					
		19,20		16,16	8,11	
1	10,11	11,12			12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17,17					
P2GNKW	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 1 - STR Results

P2RVGX	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
P3MEKK	Investigator® 24plex (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
P3MHT2	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
P6CK2B	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
P6CPBD	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
P8Z2BH	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
P9BYNZ	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

Item 1 - STR Results

P9VUU9	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
PD8PUC	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
PDTAPB	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
PDZK98	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
PFD8T8	GlobalFiler™ Express (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	-			-	
PG4FRB	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	NA
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	NA	9,9.3	8,9
	17	NR/NE	NA	NA	NA	
PG69PH	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 1 - STR Results

PGC4T3	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
PGPW8D	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	---			---	
PHVE79	PowerPlex® Fusion					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
PK2ZXF	PowerPlex® Fusion 6C, GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
PK4KUV	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
PLX4XH	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
PLY6EA	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 1 - STR Results

PNNAE9	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
PPZDJJ	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
PTH73Y	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
PURFTB	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
PVKB88	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
PXWUPG	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
PY8WD2	PowerPlex® Fusion 6C Direct					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					



TABLE 2

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

## Item 1 - STR Results

Q234WC	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
Q2MKCE	GlobalFiler™ (TrueAllele)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
Q4EYH4	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
Q972QA	GlobalFiler™ Express					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
Q9RKL9	GlobalFiler™ (STRmix v2.5)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
QBE3QM	GlobalFiler™ Express					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	No Results			No Results	
QCN3T9	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 1 - STR Results

QCN84B	GlobalFiler™ Express					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NM			NM	
QDL9E9	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
QEEACK	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
QEQ7E4	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
QEV37	PowerPlex® Fusion					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
QFTQD6	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
QHBXQ7	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					

TABLE 2

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

Item 1 - STR Results

QJBTF4	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
QNYHUL	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17	No Results				
QPBD FE	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
QPTJE4	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
QQT B3C	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
QR688G	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
QTYPEJ	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 1 - STR Results

QUP6BD	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
QVG2Y8	Investigator® 24plex QS					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
QVQPP2	Investigator® 24plex QS					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	-				
QX8CNE	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	--			--	
QXCMTX	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
QY6DYD	GlobalFiler™ Express					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
R2AEMG	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 1 - STR Results

R3FWLC	GlobalFiler™ Express					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
R4PAML	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
R4UCQD	PowerPlex® 6C, Investigator® 24plex QS					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
R6LDPA	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	NT				
R73E4X	PowerPlex® 21					
	17.3,17.3	19,20		16,16	8,11	11,12
1	10,11	11,12		20,21	12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
R7DEMCK	PowerPlex® Fusion 5C, MiniFiler					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17	No Results				
R7EACH	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

Item 1 - STR Results

R9KRBD	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	No results			No results	
R9KWKF	GlobalFiler™ (GeneMapper ID-X 1.5)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	-			-	
RB94AJ	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
RB99KL	Identifiler® Plus					
		19,20		16	8,11	
1	10,11	11,12			12,14	11
	16,17	13,15	29,31.2		X	11,12
	20,22				9,9.3	8,9
	17					
RCZB9M	GlobalFiler™ PCR Amplification kit (GeneMapperID-X version 1.4)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
RF4VHF	PowerPlex® F6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
RFJL3K	GlobalFiler™ Express					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	No Results			No Results	

TABLE 2

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

Item 1 - STR Results

RFM2G7	Investigator® 24plex (STRMix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
RFQA3D	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
RJ63K6	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
RMQPQY	PowerPlex® Fusion 6C Direct					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
RPGV9B	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
RQ7B8K	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
RQLJCE	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	--			--	

TABLE 2

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

Item 1 - STR Results

RRLMX4	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
RRWGNB	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
RRWH8N	PowerPlex® Fusion 6C, GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
RUJZP9	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	NA
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	NA	9,9.3	8,9
	17	NR/NE	NA	NA	NA	
RXRCHW	PowerPlex® 21					
	17.3,17.3	19,20		16,16	8,11	11,12
1	10,11	11,12		20,21	12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
T23QLN	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17					
T3DK9F	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					



TABLE 2

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

Item 1 - STR Results

T3TYHB	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
T6EQLZ	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	NR
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	NR	NR	17,28.2	9,9.3	8,9
	17,17	NR	NR	NR	NR	
T6J6X2	PowerPlex® Fusion					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17					
T7B7VC	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
T9HGU2	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	--			--	
TCJKN9	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	No Results			No Results	
TCZMKA	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

Item 1 - STR Results

TE2R2B	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
TFNYKF	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
TGBR7H	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
TGGV99	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
TJ2XM9	Identifiler® plus					
		19,20		16,16	8,11	
1	10,11	11,12			12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17,17					
TLPALD	PowerPlex® F6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
TNZ3NT	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

Item 1 - STR Results

TP4ZQ9	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
TPQJM8	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
TQXV64	PowerPlex® Fusion					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
TQYQV2	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
TRGHZ7	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
TT46FL	PowerPlex® FUSION 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17	-	-	-		
TTQHAT	PowerPlex® Fusion					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17					

TABLE 2

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

Item 1 - STR Results

TVTP37	Identifiler® Direct					
		19,20		16	8,11	
1	10,11	11,12			12,14	11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17					
TVZD4X	PowerPlex® Fusion 6C Direct					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
TXLC8U	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
TYAPPD	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	No results			No results	
TYZNXD	GlobalFiler™ Express					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
TZ92EE	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
TZP9AB	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

Item 1 - STR Results

TZQYN7	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
U39MDB	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
U4HRQY	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
U6ATNA	PowerPlex® Fusion					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
U7AJ6Q	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
U83FRY	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
UAQXKK	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

Item 1 - STR Results

UE6PXR	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
UEKTQX	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
UH38UY	PowerPlex® Fusion6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
UME3U2	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
UXEG3E	Investigator® 24plex (STRMix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
UXVZKR	PowerPlex® F6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
UY9CGB	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 1 - STR Results

UZZBV9	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
V76QG3	Investigator® 24plex QS (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
V7LRHJ	Identifiler® Plus					
		19,20		16,16	8,11	
1	10,11	11,12			12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17,17					
V9AANB	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
V9FH26	GlobalFiler™ (STRmix v2.5)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
VB4UZB	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
VBZF62	GlobalFiler™ Express (STRMix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	-			-	

TABLE 2

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

## Item 1 - STR Results

VCC3U3	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
VCCXJZ	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
VDHKTY	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
VDNR48	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
VEGPCD	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
VFXNXC	GlobalFiler™ (STRmix v.2.5)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
VL6GR8	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					



TABLE 2

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

Item 1 - STR Results

VPCLDF	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
VPN94A	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
VPZ9Z4	GlobalFiler™ (STRmix v2.5)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
VQA887	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
VRK74Z	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
VT24VZ	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
VTGQNE	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	-			-	

TABLE 2

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

## Item 1 - STR Results

VTNKYA	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
VU9H37	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
W3DG3	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
VX8Y99	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
W29BY8	GlobalFiler™ Express					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
W4T934	GlobalFiler™ Express					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
W6M4GY	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17	NR	NR	NR		

TABLE 2

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

## Item 1 - STR Results

W8C7N9	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	No Result			No Result	
W8FQKN	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
W98T2C	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
W9N3Z6	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
WA2HNE	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	ND			ND	
WBVH9W	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17					
WEWAQA	GlobalFiler™ express (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	

TABLE 2

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

## Item 1 - STR Results

WGH9T7	GlobalFiler™ Express					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
WHH4KP	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
WKK74Y	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
WM8Q6W	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
WNGK4G	Identifiler® Plus					
		19,20		16	8,11	
1	10,11	11,12			12,14	11
	16,17	13,15	29,31.2		X	11,12
	20,22				9,9.3	8,9
	17					
WNMVV8	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
WPRJZC	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 1 - STR Results

WPTEPA	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	No Result			No Result	
WRFVYG	Identifiler® Plus					
		19,20		16	8,11	
1	10,11	11,12			12,14	11
	16,17	13,15	29,31.2		X	11,12
	20,22				9,9.3	8,9
	17					
WU9VAY	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
WU9XTC	Investigator® 24plex QS					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
WVMAPV	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
WVY493	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
WWG2P9	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 1 - STR Results

WY3YR6	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
WZT8R9	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	--			--	
X26X4X	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
X32HNC	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
X4AKK9	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	No Result				
X64FY6	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
X6Z36G	PowerPlex® Fusion and Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17	NR	NR	NR		

TABLE 2

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

## Item 1 - STR Results

X7DPMV	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
X93V68	PowerPlex® Fusion					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
XDJZD3	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
XDXKR7	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
XEPLPG	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
XF8CC9	GlobalFiler™ (STR-mix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
XGWWN7	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 1 - STR Results

XHUZN9	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
XJL9MB	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
XLN9GG	GlobalFiler™					
	17.3,17.3	19,20	{10,11.3}	16,16	8,11	Not Tested
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	{11,12}
	20,22	Not Tested	Not Tested	{17,28.2}	9,9.3	8,9
	17,17	NR	Not Tested	Not Tested	NR	
XNF8VE	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17	No Results	Not Tested	Not Tested	Not Tested	
XPQAJY	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	NA
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	NA	9,9.3	8,9
	17	NR/NE	NA	NA	NA	
XREKH6	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
XRHWMN	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					



TABLE 2

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

## Item 1 - STR Results

XTTX9M	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
XUHDBH	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
XUNGDA	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
XVHCR6	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
XWACNF	GlobalFiler™ Express					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
XZEQM8	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
Y4DHE6	GlobalFiler™ express					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	

TABLE 2

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

Item 1 - STR Results

Y8CTB6	GlobalFiler™ Express					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
YCVELV	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
YDTK6B	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
YGTUFD	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR				
YKQDD6	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
YKWB6U	PowerPlex® Fusion 6C Direct					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
YM4QCZ	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 1 - STR Results

YMJ6RW	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
YNB6P8	PowerPlex® F6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
YP8LV3	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
YQ27VW	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
YQZB6X	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17	NR	NR	NR		
YRT8R7	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
YUHL89	Investigator® 24plex (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 1 - STR Results

Z7RLEL	PowerPlex® F6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
Z9RYTY	Investigator® 24plex QS					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
ZB4EMY	Investigator® 24plex QS					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
ZB7AZ4	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
ZDQ94Z	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
ZFLHN4	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
ZKRD84	GlobalFiler™ Express					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	

TABLE 2

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

Item 1 - STR Results

ZR9WG6	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
ZTWQMK	PowerPlex® Fusion, GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
ZZLPUL	PowerPlex® Fusion6C					
	17.3	19,20	10,11.3	16	8,11	
1	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 2 - STR Results

22ATU7	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
23ANJ4	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9,9			2	
23NE7T	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
24F7KK	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
24YYBW	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
298MLD	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
29DQN6	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				

TABLE 2

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

2A7K3Z	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
2BYLZB	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
2FPTK6	GlobalFiler™ (TrueAllele)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
2JXUV4	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
2KZ734	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
2LY4JQ	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
2QRDKC	PowerPlex® 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

2UFNWP	PowerPlex® Fusion 6C Direct					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
2W3833	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
2WVBEB	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
2WZMZL	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
2XV749	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
2XWUUY	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
2ZGRWV	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		



TABLE 2

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

32MJGV	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
3BYWGZ	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
3C4LHN	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
3CN3XQ	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
3CP4G3	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
3HDM27	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
3HT2B2	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

3KHC2U	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
3LB9N3	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
3MKD2Q	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
3N6X63	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
3PAJK3	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
3QQTJV	Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
3RGRXT	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

3RHUG7	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
3U9ZWW	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
3UATU4	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
3Y2XN9	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
43GTX4	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
43W9UR	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
43X4JP	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

463Q22	PowerPlex® Fusion 6c, Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
46PVXG	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
474BFP	GlobalFiler™ (STRMIX)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
49N9JL	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
4FJHEC	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
4FZE8C	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	{14,16}	20,24	11,14	10,11
	12,19	{12,14}	28,28	11,16	X,Y	9,11
	20,24			{29.2,31.2}	7,9	8,11
	14,16	9			2	
4L7BQC	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

4LP6FT	GlobalFiler™ Express (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
4LTHB2	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
4NDGEY	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
4P8BTU	Identifiler® Plus					
		17,20		16,18	11,12	
2	10,10	12,14			11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
4RVMRZ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
4RZXWJ	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
4WT9UN	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

4YD7XK	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
4ZWTW3	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
63A6XC	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
63DF3V	Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
66FMW8	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
67VLFW	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
6AGJWZ	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				

TABLE 2

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

6CJJQ6	PowerPlex® 21, ESX17, CS7, VERIFILER PLUS					
	14,19.3	17,20	11,12.3	16,18	11,12	12,18
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16				2	
6CL36U	GlobalFiler™ Globalfiler Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
6FHXDV	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
6GCNGN	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
6J6FVF	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
6JEPJ7	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
6JZ6QW	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

6K9EMZ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
6KEK94	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
6KF9XV	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
6KYXY3	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
6LLUBA	PowerPlex® 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
6MZ72R	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
6NR8Y3	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		



TABLE 2

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

6RETRP	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
6RQQWU	Identifiler® Plus					
		17,20		16,18	11,12	
2	10	12,14			11,14	10,11
	12,19	12,14	28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
6T4DGU	Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
6VVDD6	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
6WKJUV	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	NA
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,24	28	11,16	X,Y	9,11
	20,24	11,12	10,13	NA	7,9	8,11
	14,16	9	NA	NA	NA	
6YNFDY	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
6YTQHH	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

6ZNDUL	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
738RXM	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
74496H	PowerPlex® PP21					
	14,19.3	17,20		16,18	11,12	12,18
2	10,10	12,14		20,24	11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16					
79WDV2	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
7B3UZX	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
7DQ7Y4	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
7DULEP	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

7E29K3	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
7FCTRQ	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29,31.2	7,9	8,11
	14,16	9	22	19		
7JCARR	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
7M38PY	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
7MW7EW	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
7P49EA	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	20	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
7PM6TV	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

7QDB9L	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
7QDDRDX	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
7UDJDV	Identifiler® Plus					
		17,20		16,18	11,12	
2	10,10	12,14			11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
7UELW9	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
7W2VC2	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
7W4QTL	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
7W79ZX	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	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 2 - STR Results

7WK7LU	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
7WLYK2	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
7WZ4ET	Identifiler® DIRECT					
		17,20		16,18	11,12	
2	10	12,14			11,14	10,11
	12,19	12,14	28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
7YCTPH	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
7ZKAF2	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
7ZMQ2E	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
82GRMW	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

833PPT	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
88XL9T	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
8A27A8	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
8BGH7J	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
8EXVQE	GlobalFiler™ PCR Amplification Kit					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9,9			2	
8G73AY	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
8JQZCV	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

8K3HRV	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
8K4JB8	PowerPlex® Fusion 6c					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
8KKVQR	Identifiler® Plus					
		17,20		16,18	11,12	
2	10	12,14			11,14	10,11
	12,19	12,14	28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
8KRJRK	PowerPlex® Fusion 6C Direct					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
8MDHUG	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
8MT2EE	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
8MVHP7	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				

TABLE 2

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

8NLRKT	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
8R4UNR	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
8UBAWJ	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
8XN7ED	GlobalFiler™ PCR Amplification Kit					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
8XTFMR	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
96NZTR	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	NA
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	NA	7,9	8,11
	14,16	9	NA	NA	NA	
96PTRY	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		



TABLE 2

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

98BBAK	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
98CCTW	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
98FMXG	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
9BAT6Q	Identifiler® Plus					
		17,20		16,18	11,12	
2	10	12,14			11,14	10,11
	12,19	12,14	28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
9C83CF	PowerPlex® 21					
	14,19.3	17,20		16,18	11,12	12,18
2	10,10	12,14		20,24	11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16					
9GH8XN	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
9GP6GZ	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

9GXD98	GlobalFiler™					
	{14,19.3}	17,20	11,12.3	16,18	11,12	Not Tested
2	10,10	{12,14}	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	{20,24}	Not Tested	Not Tested	{29.2,31.2}	7,9	8,11
	14,16	9	Not Tested	Not Tested	2	
9JA4KW	Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
9JL3GQ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
9KPGDZ	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
9KZAZM	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
9KZEBP	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
9LVUML	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

9M4AUR	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	NA
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	NA	7,9	8,11
	14,16	9	NA	NA	NA	
9MAEFW	Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
9MBXVK	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
9PRLTX	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
9PVWXG	PowerPlex® Fusion6C					
	14,19.3	17,20	11,12.3	16,18	11,12	-----
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19	-----	
9Q8VTQ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
9Y3XU2	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

9Y4GAQ	GlobalFiler™ Express (STRmix v 2.6)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
9ZA3L6	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
A32GRU	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
A3E7TK	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
AAH8XL	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
AAY7AX	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
AB9FXN	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

ABA9VW	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
ABF4XG	PowerPlex® Fusion 6C Direct					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
AD232D	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
ADEWET	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
AEAJQW	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
AEPFJW	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
AEPKUY	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				

TABLE 2

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

AEVQF3	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
AEWL6Z	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
AGD6PU	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
AGV29G	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
AGW3RU	PowerPlex® fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
AGZDWD	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
AHVWZZ	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				

TABLE 2

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

AJY23M	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
ALRN7C	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
ANG498	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	NT
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	NT	NT	29.2,31.2	7,9	8,11
	14,16	9	NT	NT	2	
APNGVZ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
ATAXEL	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
ATFG7H	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
AU6J2K	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	Not tested
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	Not tested	Not tested	29.2,31.2	7,9	8,11
	14,16	9	Not tested	Not tested	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

AULTZD	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	not tested
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19	not tested	
AUZEAE	PowerPlex® FUSION 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
AZBBC4	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
B66D7V	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
B8Q9JM	Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
B9HAGY	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
BAC3CG	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

BB4DRG	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
BCL8RQ	Identifiler® Plus					
		17,20		16,18	11,12	
2	10,10	12,14			11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
BDBD9G	PowerPlex® Fusion, MiniFiler					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
BDE2JU	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
BE9QTN	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
BFZZMQ	Investigator® 24plex GO					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
BGPBDJ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

BKUULC	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
BLLVJN	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
BLLYUQ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
BM6MPR	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
BPTYNX	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
BQ3ZFX	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
BREXRU	Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	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 2 - STR Results

BT7TGN	Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
BU4C7W	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
BVUAQV	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
BWPUNG	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
BYBRRD	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
BZN4NX	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
C2RJ7M	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				

TABLE 2

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

C2XNRR	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
C2Z87F	PowerPlex® FUSION6C DIRECT					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
C37PR6	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
C3B7ZN	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
C4K6AC	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
C6FTN2	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
C79WZ9	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

CBJWAT	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CBLH8U	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
CBQPKN	GlobalFiler™ (STRmix 2.5)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CD8DJ2	Identifiler® Plus					
		17,20		16,18	11,12	
2	10	12,14			11,14	10,11
	12,19	12,14	28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
CDCNMK	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
CDR6FT	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
CFABUU	GlobalFiler™ (TrueAllele)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

CFC23X	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CFXFMU	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CHHEQQ	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
CJCA6M	Identifiler® Direct					
		17,20		16,18	11,12	
2	10	12,14			11,14	10,11
	12,19	12,14	28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
CJD23U	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CJKX6E	PowerPlex® Fusion 6C Direct					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
CJV44	GlobalFiler™, Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

CKQPMU	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
CKTAKV	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CL6W9B	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
CLZL4R	PowerPlex® Fusion (STRMix v2.408)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
CMD9NR	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CPLBN6	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
CPYYQH	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

CRATUW	Investigator® 24plex (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
CRFZ8Q	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CUVLMQ	PowerPlex® FUSION 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
CUZYAM	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CVEERV	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CWH6NN	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CWNBAT	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

CWPDPP	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CYACRL	Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
CYDPNU	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
D36CJ3	PowerPlex® Fusion5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
D69CD8	GlobalFiler™ PCR Amplification kit					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9,9			2	
D6CP8V	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
D7KR89	GlobalFiler™ PCR Amplification Kit					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

D7P49C	PowerPlex® 21					
	14,19.3	17,20		16,18	11,12	12,18
2	10,10	12,14		20,24	11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16					
D8Y8PF	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
D9A3B9	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
DBZHC4	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
DCU49F	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
DDL2G	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
DDM2D2	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

DFQRM2	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
DGPG4P	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
DHYQ9V	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
DJAW6W	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
DJTLMR	NGM Select					
	14,19.3	17,20	11,12.3	16,18		
2		12,14	14,16	20,24		10,11
	12,19	12,14	28	11,16	X,Y	
	20,24			29.2,31.2	7,9	
	14,16					
DLKJ2Q	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
DLZ4LM	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	[12],14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				

TABLE 2

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

DQUZAE	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
DTEPUR	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
DUTB7E	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
DV3GLN	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
DXTHRC	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
DY72M3	GlobalFiler™					
	{14,19.3}	17,20	{11,12.3}	16,18	11,12	Not tested
2	10,10	12,14	14,16	20,24	11,14	10,11
	{12,19}	12,14	28,28	{11,16}	X,Y	9,11
	20,24	Not tested	Not tested	29.2,31.2	7,9	8,11
	14,16	9	Not tested	Not tested	2	
E2UWZM	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

E4H9ZT	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
E6QGTK	Identifiler® Direct					
		17,20		16,18	11,12	
2	10	12,14			11,14	10,11
	12,19	12,14	28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
E6R9RT	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
E7HF8J	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	NA
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	NA	7,9	8,11
	14,16	9	NA	NA	NA	
E7NQXN	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
E9RLGQ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
EA9HAQ	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

EAYVJW	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
EBTKMP	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
ECE3YC	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
EEYRJP	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
EPTM3C	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
EQ8UNT	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
ER4BUN	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

ERHNAL	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
ETAP8W	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
ETAUHY	Identifiler® Plus					
		17,20		16,18	11,12	
2	10	12,14			11,14	10,11
	12,19	12,14	28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
ETE9VY	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
EVZVNM	PowerPlex® FUSION 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	NA
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	NA	7,9	8,11
	14,16	9	NA	NA	NA	
F6MCQL	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
F74AHL	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

F9N8LH	Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
FBX78C	PowerPlex® ESX 16 Fast (GeneMapper ID-X)					
	14,19.3	17,20	11,12.3	16,18		
2		12,14	14,16	20,24		10,11
	12,19	12,14	28,28	11,16	X,Y	
	20,24				7,9	
	14,16					
FDVXNN	GlobalFiler™ Express (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
FEDXVK	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
FEXH3C	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
FGHF79	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
FJF4CH	Identifiler® Plus					
		17,20		16,18	11,12	
2	10,10	12,14			11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24				7,9	8,11
	14,16					



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

FJNX7P	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
FLBH8M	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
FM9PF8	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
FN2NND	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
FPFYVJ	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
FPTNLP	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
FYGJVQ	GlobalFiler™ Express (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

G89BTH	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
G9HF9R	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
G9MNL	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
GAWTYA	PowerPlex® Fusion 6C Direct					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
GB8LPH	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
GCGQ38	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
GD9WBK	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

GDCEGV	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
GGXWYG	GlobalFiler™ Express (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
GPNQNY	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
GRWUKV	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
GTMZZL	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
GVBCZQ	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
H4LYHJ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

H6V3YN	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
H783VH	Identifiler® Plus					
		17,20		16,18	11,12	
2	10,10	12,14			11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
H8YXHR	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HAP6YH	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
HB224M	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
HB6C97	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
HD8CBN	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	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 2 - STR Results

HDR7XJ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HDUN8B	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HE23EG	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HE28PJ	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
HFFHWP	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HFT4CT	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HFT9MV	Identifiler® Plus					
		17,20		16,18	11,12	
2	10	12,14			11,14	10,11
	12,19	12,14	28		X,Y	9,11
	20,24				7,9	8,11
	14,16					

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

HFVXTD	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HHLVQK	Investigator® 24plex GO!					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
HJ2ZEA	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HK7YZ3	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
HKRDNF	Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
HQVJ4H	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HR79JN	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

HRNEHE	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HT4KEG	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HUDQGK	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HUG2L4	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
HW8FXK	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HXEKPM	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
HY8F4J	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	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 2 - STR Results

J6AXUV	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	NT
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19	NT	
J6F849	Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
J9DP6G	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
JBK3TA	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
JCB289	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
JELYKP	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
JFC6ZF	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

JGN7GM	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
JHECWD	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	NA
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	NA	7,9	8,11
	14,16	9	NA	NA	NA	
JJCL2G	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
JPWHTK	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
JPZ9WM	GlobalFiler™ Express (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
JR6TRA	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
JT388E	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

JTLQE8	PowerPlex® Fusion 6C Direct					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
JW2CVT	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
JXRJCJ	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
JYC2N7	PowerPlex® 21					
	14,19.3	NR		16,18	11,12	12,18
2	10,10	12,14		20,24	11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16					
K26X22	PowerPlex® Fusion 6C (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
K2WCZF	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
K4GB4D	GlobalFiler™ Express (STRmix™)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

K68J3F	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	NA
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	NA	7,9	8,11
	14,16	9	NA	NA	NA	
K7L4VQ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
K8CACG	Identifiler® Plus					
		17,20		16,18	11,12	
2	10,10	12,14			11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
KC9YN8	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
KHDUE9	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
KMBWWG	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
KMK882	GlobalFiler™ PCR Amplification Kit					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

KUP7XH	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
KWF847	PowerPlex® Fusion 6C Direct					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
KY6DLH	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
KZBYYW	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
KZVTLR	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
L4DBGH	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
L7VGUJ	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	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

L94P2H	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
L9J4BD	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
LAB69N	PowerPlex® ESI FAST 16					
	14,19.3	17,20	11,12.3	16,18		
2		12,14	14,16	20,24		10,11
	12,19	12,14	28,28	11,16	X,Y	
	20,24				7,9	
	14,16					
LBR7BQ	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
LC2BNE	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
LETXR4	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
LGE23M	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				

TABLE 2

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

LGWXL	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
LHDZJA	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
LNEBK9	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
LNHQX9	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
LNXXH7	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
LPDHXL	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
LQ6DMF	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

LREEEF	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
LRFF9E	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
LTPGZE	Identifiler® Plus					
		17,20		16,18	11,12	
2	10,10	12,14			11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
LTQCPC	Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
LUHGXQ	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
M4A6GY	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
M63VME	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

M7T336	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
M7U4LG	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
M89GKY	PowerPlex® Fusion 6c (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
M8K3ZF	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
M8NT3G	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
MDEZRR	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
MDRNTJ	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		



TABLE 2

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

MEJPRF	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
MQGNL7	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
MT66VE	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
MT6ZKC	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
N2UCQP	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
N3KFFQ	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
N4FU9A	PowerPlex® Fusion 6C, GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19	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

N4MYUE	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
N7N66D	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
N8679F	PowerPlex® Fusion, 21, CS7, Verifiler Express					
	14,19.3	17,20	11,12.3	16,18	11,12	12,18
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9			2	
NE3QG3	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
NE999Z	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
NEZ9AR	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
NFKLBB	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

NFT8CW	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
NK67EP	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
NKN2AX	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
NQBT7	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
NQCLDD	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
NQX9Z3	PowerPlex® Fusion 6C Direct					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
NRRUH8	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

NVQ246	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
NXDXBV	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
NYL6JQ	PowerPlex® 5C, 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
NZGHDB	PowerPlex® 5C (BulletProof)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
NZH9LD	Identifiler® Plus					
		17,20		16,18	11,12	
2	10,10	12,14			11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
P2GNKW	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
P2RVGX	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

P3MEKK	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
P3MHT2	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
P6CK2B	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
P6CPBD	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
P8Z2BH	PowerPlex® Fusion6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
P9BYNZ	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
P9VUU9	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

PD8PUC	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
PDTAPB	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
PDZK98	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
PFD8T8	GlobalFiler™ Express (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
PG4FRB	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	NA
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	NA	7,9	8,11
	14,16	9	NA	NA	NA	
PG69PH	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
PGC4T3	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

PGPW8D	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
PHVE79	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
PK2ZXF	PowerPlex® Fusion 6C, GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29,31.2	7,9	8,11
	14,16	9	22	19	2	
PK4KUV	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
PLX4XH	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
PLY6EA	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
PNNAE9	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

PPZDJJ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
PTH73Y	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
PURFTB	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
PVKB88	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
PXWUPG	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
PY8WD2	PowerPlex® Fusion 6C Direct					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
Q234WC	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

Q2MKCE	GlobalFiler™ (TrueAllele)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
Q4EYH4	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
Q972QA	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
Q9RKL9	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
QBE3QM	PowerPlex® Fusion 5C, MiniFiler					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
QCN3T9	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
QCN84B	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

QDL9E9	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
QEEACK	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
QEQ7E4	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29,31.2	7,9	8,11
	14,16	9			2	
QEVP37	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
QFTQD6	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
QHBXQ7	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
QJBTF4	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

QNYHUL	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
QPBD FE	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
QPTJE4	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
QQT B3C	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
QR688G	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
QTYPEJ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
QUP6BD	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

QVG2Y8	Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
QVQPP2	Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
QX8CNE	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
QXCMTX	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
QY6DYD	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
R2AEMG	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
R3FWLC	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

R4PAML	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
R4UCQD	PowerPlex® 6C, Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
R6LDPA	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
R73E4X	PowerPlex® 21					
	14,19.3	17,20		16,18	11,12	12,18
2	10,10	12,14		20,24	11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16					
R7DEMK	PowerPlex® Fusion 5C, MiniFiler					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
R7EACH	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
R9KRBD	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

R9KWKF	GlobalFiler™ (GeneMapper ID-X 1.5)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
RB94AJ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
RB99KL	Identifiler® Plus					
		17,20		16,18	11,12	
2	10	12,14			11,14	10,11
	12,19	12,14	28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
RCZB9M	GlobalFiler™ PCR Amplification kit (GeneMapperID-X version 1.4)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
RF4VHF	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
RFJL3K	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
RFM2G7	Investigator® 24plex (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				

TABLE 2

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

RFQA3D	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
RJ63K6	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
RMQPQY	PowerPlex® Fusion 6C Direct					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
RPGV9B	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
RQ7B8K	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
RQLJCE	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
RRLMX4	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

RRWGNB	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
RRWH8N	PowerPlex® Fusion 6C, GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19	2	
RUJZP9	PowerPlex® FUSION 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	NA
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	NA	7,9	8,11
	14,16	9	NA	NA	NA	
RXRCHW	PowerPlex® 21					
	14,19.3	17,20		16,18	11,12	12,18
2	10,10	12,14		20,24	11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16					
T23QLN	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
T3DK9F	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
T3TYHB	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

T6EQLZ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	NR
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	NR	NR	29.2,31.2	7,9	8,11
	14,16	9	NR	NR	2	
T6J6X2	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
T7B7VC	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
T9HGU2	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
TCJKN9	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
TCZMKA	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
TE2R2B	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

TFNYKF	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
TGBR7H	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
TGGV99	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
TJ2XM9	Identifiler® plus					
		17,20		16,18	11,12	
2	10,10	12,14			11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
TLPALD	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
TNZ3NT	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
TP4ZQ9	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

TPQJM8	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
TQXV64	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
TQYQV2	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
TRGHZ7	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
TT46FL	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
TTQHAT	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
TVTP37	Identifiler® Direct					
		17,20		16,18	11,12	
2	10	12,14			11,14	10,11
	12,19	12,14	28		X,Y	9,11
	20,24				7,9	8,11
	14,16					

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

TVZD4X	PowerPlex® Fusion 6C Direct					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
TXLC8U	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
TYAPPD	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
TYZNXD	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
TZ92EE	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
TZP9AB	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
TZQYN7	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

U39MDB	GlobalFiler™					
	14,19.3	[17],[20]	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	[12],[14]	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	[14],16	[9]			2	
U4HRQY	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
U6ATNA	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
U7AJ6Q	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
U83FRY	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
UAQXKK	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
UE6PXR	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

UEKTQX	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
UH38UY	PowerPlex® Fusion6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
UME3U2	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
UXEG3E	Investigator® 24plex (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
UXVZKR	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
UY9CGB	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
UZZBV9	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				

TABLE 2

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

V76QG3	Investigator® 24plex QS (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
V7LRHJ	Identifiler® Plus					
		17,20		16,18	11,12	
2	10,10	12,14			11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
V9AANB	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
V9FH26	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
VB4UZB	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
VBZF62	GlobalFiler™ Express (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
VCC3U3	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	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

VCCXJZ	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
VDHKTY	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
VDNR48	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
VEGPCD	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
VFXNXC	GlobalFiler™ (STRmix v.2.5)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
VL6GR8	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
VPCLDF	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

VPN94A	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
VPZ9Z4	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
VQA887	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
VRK74Z	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
VT24VZ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
VTGQNE	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
VTNKYA	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

VU9H37	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
W3DG3	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
VX8Y99	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
W29BY8	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
W4T934	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
W6M4GY	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
W8C7N9	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

W8FQKN	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
W98T2C	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
W9N3Z6	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
WA2HNE	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
WBVH9W	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
WEWAQA	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
WGH9T7	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	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 2 - STR Results

WHH4KP	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
WKK74Y	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
WM8Q6W	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
WNGK4G	Identifiler® Plus					
		17,20		16,18	11,12	
2	10	12,14			11,14	10,11
	12,19	12,14	28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
WNMV8	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
WPRJZC	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
WPTEPA	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

WRFVYG	Identifiler® Plus					
		17,20		16,18	11,12	
2	10	12,14			11,14	10,11
	12,19	12,14	28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
WU9VAY	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
WU9XTC	Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
WVMAPV	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
WVY493	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
WWG2P9	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
WY3YR6	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

WZT8R9	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
X26X4X	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
X32HNC	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
X4AKK9	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
X64FY6	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
X6Z36G	PowerPlex® Fusion and Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
X7DPMV	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

X93V68	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
XDJZD3	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
XDXKR7	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
XEPLPG	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
XF8CC9	GlobalFiler™ (STR-mix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
XGWWN7	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
XHUZN9	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	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 2 - STR Results

XJL9MB	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
XLN9GG	GlobalFiler™					
	14,19.3	17,20	{11,12.3}	16,18	11,12	Not Tested
	10,10	12,14	14,16	20,24	11,14	10,11
	{12,19}	12,14	28,28	11,16	X,Y	9,11
	20,24	Not Tested	Not Tested	29.2,31.2	7,9	8,11
	14,16	9	Not Tested	Not Tested	2	
XNF8VE	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9	Not Tested	Not Tested	Not Tested	
XPQAJY	PowerPlex® FUSION 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	NA
	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	NA	7,9	8,11
	14,16	9	NA	NA	NA	
XREKH6	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
XRHWMN	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
XTTX9M	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		



TABLE 2

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

XUHDBH	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
XUNGDA	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
XVHCR6	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
XWACNF	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
XZEQM8	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
Y4DHE6	GlobalFiler™ express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
Y8CTB6	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

YCVELV	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
YDTK6B	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
YGTUFD	Identifiler®, Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
YKQDD6	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
YKWB6U	PowerPlex® Fusion 6C Direct					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
YM4QCZ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
YMJ6RW	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

YNB6P8	PowerPlex® F6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
YP8LV3	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
YQ27V	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
YQZB6X	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
YRT8R7	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
YUHL89	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
Z7RLEL	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

Z9RYTY	Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
ZB4EMY	Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
ZB7AZ4	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
ZDQ94Z	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
ZFLHN4	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
ZKRD84	GlobalFiler™ Express					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
ZR9WG6	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	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 2 - STR Results

Item	PowerPlex® Fusion, GlobalFiler™					
ZTWQMK	14,19.3	17,20	11,12.3	16,18	11,12	
2	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9			2	
ZZLPUL	14,19.3	17,20	11,12.3	16,18	11,12	
2	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

22ATU7	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
23ANJ4	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
23NE7T	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
24F7KK	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
24YYBW	PowerPlex® Fusion (STRmix V2.4.08)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
298MLD	PowerPlex® Fusion 6C (STRmix 2.6.3)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
29DQN6	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

Item 3 - STR Results

2A7K3Z	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
2FPTK6	GlobalFiler™ (TrueAllele)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
2JXUV4	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
2KZ734	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
2LY4JQ	Investigator® 24plex (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
2UFNWP	PowerPlex® Fusion 6C (STRMix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
2W3833	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NM			NM	

TABLE 2

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

## Item 3 - STR Results

2WVBEB	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
2WZMZL	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
2XV749	Investigator® 24plex (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
2XWUUY	GlobalFiler™ (STRmix v2.5)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
2ZGRWV	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
32MJGV	PowerPlex® Fusion (Strmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
3BYWGZ	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					



TABLE 2

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

Item 3 - STR Results

3C4LHN	Investigator® 24plex (STRMix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
3CN3XQ	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
3CP4G3	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	---			---	
3HDM27	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
3HT2B2	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
3KHC2U	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
3LB9N3	PowerPlex® Fusion					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				

TABLE 2

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

3MKD2Q	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
3N6X63	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
3PAJK3	PowerPlex® Fusion					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
3QQTJV	Investigator® 24plex QS (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
3RGRXT	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
3RHUG7	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
3U9ZWW	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 3 - STR Results

3UATU4	PowerPlex® F6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
3Y2XN9	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
43W9UR	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
43X4JP	PowerPlex® Fusion 6C (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
463Q22	Investigator® 24plex QS (Strmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
46PVXG	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
474BFP	GlobalFiler™ (STRMIX)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	

TABLE 2

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

Item 3 - STR Results

49N9JL	PowerPlex® Fusion 6C (STRMix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
4FJHEC	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
4FZE8C	GlobalFiler™, Investigator® 24plex QS					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	No Results			No Results	
4L7BQC	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
4LP6FT	GlobalFiler™, Minifiler (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	-			-	
4LTHB2	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
4NDGEY	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	No Results			No Results	

TABLE 2

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

Item 3 - STR Results

4P8BTU	Identifiler® Plus					
		19,20		16,16	8,11	
3	10,11	11,12			12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17,17					
4RVMRZ	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
4RZXWJ	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
4WT9UN	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
4YD7XK	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
4ZWTW3	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
63A6XC	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17					

TABLE 2

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

## Item 3 - STR Results

63DF3V	Investigator® 24plex QS (STRMix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
67VLFW	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
6AGJWZ	Investigator® 24plex (STRMix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
6CJJQ6	PowerPlex® 21, ESX17, CS7, VERIFILER PLUS					
	17.3	19,20	10,11.3	16	8,11	11,12
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
6CL36U	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17	NID	NID	NID		
6FHXDV	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
6GCNGN	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 3 - STR Results

6JEPJ7	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
6JZ6QW	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
6K9EMZ	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	no results			no results	
6KEK94	Investigator® 24plex (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
6KF9XV	GlobalFiler™ (STRMix v2.5)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
6KYX3	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
6MZ72R	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

Item 3 - STR Results

6NR8Y3	PowerPlex® F6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
6RETRP	GlobalFiler™ (STRmix v2.4.06)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
6T4DGU	Investigator® 24plex QS (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
6VVDD6	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
6WKJUV	PowerPlex® Fusion 5C, Minifiler					
	17.3	19,20	10,11.3	16	8,11	NA
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	NA	9,9.3	8,9
	17	NR/NE	NA	NA	NA	
6YNFDY	PowerPlex® Fusion (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
6YTQHH	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					



TABLE 2

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

Item 3 - STR Results

6ZNDUL	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
738RXM	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
74496H	PowerPlex® PP21					
	17.3,17.3	19,20		16,16	8,11	11,12
3	10,11	11,12		20,21	12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
79WDV2	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
7B3UZX	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
7DQ7Y4	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
7DULEP	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	

TABLE 2

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

Item 3 - STR Results

7E29K3	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
7FCTRQ	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17	NR	NR	NR		
7JCARR	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
7M38PY	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
7P49EA	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	-				
7PM6TV	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
7QDB9L	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

Item 3 - STR Results

7QDDR	PowerPlex® Fusion (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
7UDJDV	Identifiler® Plus					
		19,20		16,16	8,11	
3	10,11	11,12			12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17,17					
7UELW9	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
7W2VC2	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
7W4QTL	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
7WK7LU	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
7WLYK2	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

Item 3 - STR Results

7WZ4ET	Identifiler® PLUS					
		19,20		16	8,11	
3	10,11	11,12			12,14	11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17					
7YCTPH	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
7ZKAF2	PowerPlex® F6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
7ZMQ2E	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
82GRMW	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
833PPT	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
88XL9T	Investigator® 24plex (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 3 - STR Results

8A27A8	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
8BGH7J	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
8EXVQE	GlobalFiler™ PCR Amplification Kit					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
8G73AY	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
8JQZCV	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
8K3HRV	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
8K4JB8	PowerPlex® Fusion 6c					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

Item 3 - STR Results

8KKVQR	Identifiler® Plus					
		19,20		16	8,11	
3	10,11	11,12			12,14	11
	16,17	13,15	29,31.2		X	11,12
	20,22				9,9.3	8,9
	17					
8KRJRK	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
8MDHUG	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
8MT2EE	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
8NLRKT	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	No Results			No Results	
8R4UNR	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
8UBAWJ	Investigator® 24plex (STRMix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

Item 3 - STR Results

8XN7ED	GlobalFiler™ PCR Amplification Kit					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
8XTFMR	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
96NZTR	PowerPlex® Fusion 5C, Minifiler					
	17.3	19,20	10,11.3	16	8,11	NA
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	NA	9,9.3	8,9
	17	NR/NE	NA	NA	NA	
96PTRY	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
98BBAK	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
98CCTW	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
98FMXG	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 3 - STR Results

9C83CF	PowerPlex® 21					
	17.3,17.3	19,20		16,16	8,11	11,12
3	10,11	11,12		20,21	12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
9GH8XN	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
9GP6GZ	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17	ND	ND	ND		
9GXD98	GlobalFiler™, Investigator® 24plex QS					
	17.3,17.3	19,20	10,11.3	16,16	8,11	Not Tested
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	Not Tested	Not Tested	17,28.2	9,9.3	8,9
	17,17	No Results	Not Tested	Not Tested	No Results	
9JA4KW	Investigator® 24plex QS (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
9JL3GQ	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
9KPGDZ	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17	ND	ND	ND		



TABLE 2

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

## Item 3 - STR Results

9KZAZM	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
9KZEBP	PowerPlex® Fusion (STRMix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
9LVUML	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
9M4AUR	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	NA
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	NA	9,9.3	8,9
	17	NR/NE	NA	NA	NA	
9MAEFW	Investigator® 24plex QS (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
9MBXVK	GlobalFiler™ (STRmix (to calculate LR))					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
9PRLTX	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	--			--	

TABLE 2

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

Item 3 - STR Results

9Q8VTQ	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
9Y3XU2	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
9Y4GAQ	PowerPlex® Fusion 6C (STRmix v 2.6)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17	NID	NID	NID		
A32GRU	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
A3E7TK	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
AAH8XL	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
AAY7AX	PowerPlex® F6C (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

Item 3 - STR Results

ABA9VW	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
ABF4XG	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
AD232D	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
AEAJQW	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
AEPFJW	GlobalFiler™ (STRmix version 2.4)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	No Results			No Results	
AEPKUY	GlobalFiler™ (BulletProof)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
AEVQF3	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 3 - STR Results

AEWL6Z	Investigator® 24plex (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
AGD6PU	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
AGV29G	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
AGW3RU	PowerPlex® fusion (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
AGZDWD	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
AHVWZZ	Investigator® 24plex (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
AJY23M	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

Item 3 - STR Results

ALRN7C	PowerPlex® Fusion 6C (STRMix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
ANG498	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	NT
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	NT	NT	17,28.2	9,9.3	8,9
	17	NR	NT	NT	NR	
APNGVZ	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
ATAHEL	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	/			/	
ATFG7H	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
AU6J2K	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	Not tested
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	Not tested	Not tested	17,28.2	9,9.3	8,9
	17,17	Not detected	Not tested	Not tested	Not detected	
AUZEAE	PowerPlex® FUSION 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

Item 3 - STR Results

AZBBC4	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
B66D7V	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
B8Q9JM	Investigator® 24plex QS (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
B9HAGY	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
BAC3CG	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
BB4DRG	Investigator® 24plex (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
BCL8RQ	Identifiler® Plus					
		19,20		16,16	8,11	
3	10,11	11,12			12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17,17					

TABLE 2

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

## Item 3 - STR Results

BDBD9G	PowerPlex® Fusion					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	NR				
BDE2JU	PowerPlex® Fusion 6C (STRMIX)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
BE9QTN	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
BFZZMQ	Investigator® 24plex QS					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
BGPBDJ	GlobalFiler™ (STRmix 2.4.06)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	No result			No result	
BKUULC	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
BLLVJN	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 3 - STR Results

BLLYUQ	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
BM6MPR	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
BPTYNX	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
BQ3ZFX	PowerPlex® F6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
BREXRU	Investigator® 24plex QS (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
BT7TGN	Investigator® 24plex QS (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
BU4C7W	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					



TABLE 2

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

Item 3 - STR Results

BVUAQV	PowerPlex® F6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
BWPUNG	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
BYBRRD	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
BZN4NX	PowerPlex® F6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
C2RJ7M	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	nr				
C2XNRR	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
C2Z87F	PowerPlex® Fusion 6C (STRMix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 3 - STR Results

C37PR6	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17					
C3B7ZN	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
C4K6AC	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
C6FTN2	GlobalFiler™ (STRMix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
C79WZ9	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
CBJWAT	GlobalFiler™ (STRmix v. 2.4)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	No results			No results	
CBLH8U	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 3 - STR Results

CBQPKN	GlobalFiler™ (STRmix 2.5)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
CDCNMK	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
CFABUU	GlobalFiler™ (TrueAllele)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
CFC23X	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
CFXFMU	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
CJCA6M	Identifiler® Plus					
		19,20		16	8,11	
3	10,11	11,12			12,14	11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17					
CJD23U	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

Item 3 - STR Results

CJKX6E	PowerPlex® Fusion 6C (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
CJV44	GlobalFiler™, Investigator® 24plex QS					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
CKQPMU	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
CKTAKV	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
CL6W9B	PowerPlex® Fusion 6C (STRMix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
CLZL4R	PowerPlex® Fusion (STRMix v2.408)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
CMD9NR	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 3 - STR Results

CPLBN6	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
CPYYQH	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
CRATUW	Investigator® 24plex (STRMix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
CRFZ8Q	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
CUVLMQ	PowerPlex® FUSION 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14,[15]	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
CUZYAM	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
CVEERV	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 3 - STR Results

CWH6NN	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
CWNBAT	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
CWPDPP	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
CYACRL	Investigator® 24plex QS (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
CYDPNU	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
D69CD8	GlobalFiler™ PCR Amplification kit					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
D6CP8V	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	XX	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 3 - STR Results

D7KR89	GlobalFiler™ PCR Amplification Kit					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
D7P49C	PowerPlex® 21 (STRmix)					
	17.3,17.3	19,20		16,16	8,11	11,12
3	10,11	11,12		20,21	12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
D8Y8PF	PowerPlex® Fusion 6C (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
D9A3B9	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
DBZH4	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
DCU49F	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	NR				
DDL2G	GlobalFiler™ (STRMIX)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	

TABLE 2

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

## Item 3 - STR Results

DDM2D2	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
DFQRM2	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
DGPG4P	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
DHYQ9V	Investigator® 24plex (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
DJAW6W	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
DJTLMR	NGM Select					
	17.3	19,20	10,11.3	16		
3		11,12	13,14	20,21		11
	16,17	13,15	29,31.2	15,16	X	
	20,22			17,28.2	9,9.3	
	17					
DLKJ2Q	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					



TABLE 2

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

Item 3 - STR Results

DLZ4LM	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	NT				
DQUZAE	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
DTEPUR	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
DUTB7E	Investigator® 24plex (STRMix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
DV3GLN	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
DXTHRC	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
DY72M3	GlobalFiler™, Investigator® 24plex QS					
	17.3,17.3	19,20	10,11.3	16,16	8,11	Not tested
3	10,11	11,12	{13,14}	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	Not tested	Not tested	17,28.2	9,9.3	8,9
	17,17	No Results	Not tested	Not tested	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 3 - STR Results

E2UWZM	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
E4H9ZT	GlobalFiler™ (STYRmix v2.5)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
E6QGTK	Identifiler® Plus					
		19,20		16	8,11	
3	10,11	11,12			12,14	11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17					
E6R9RT	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
E7HF8J	PowerPlex® Fusion 5C, Minifiler					
	17.3	19,20	10,11.3	16	8,11	NA
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	NA	9,9.3	8,9
	17	NR/NE	NA	NA	NA	
E7NQXN	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
E9RLGQ	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	

TABLE 2

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

## Item 3 - STR Results

EA9HAQ	PowerPlex® Fusion 6C (STRMix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
EAYVJW	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
EBTKMP	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
ECE3YC	PowerPlex® Fusion 6C (STRMix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
EEYRJP	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
EPTM3C	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
EQ8UNT	PowerPlex® Fusion 6C (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

Item 3 - STR Results

ER4BUN	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
ERHNAL	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
ETAP8W	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
ETE9VY	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
EVZVNM	PowerPlex® FUSION 5C, MINIFILER					
	17.3	19,20	10,11.3	16	8,11	NA
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	NA	9,9.3	8,9
	17	NR/NE	NA	NA	NA	
F6MCQL	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
F74AHL	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 3 - STR Results

F9N8LH	Investigator® 24plex QS (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
FBX78C	PowerPlex® ESX 16 Fast (GeneMapper ID-X)					
	17.3,17.3	19,20	10,11.3	16,16		
3		11,12	13,14	20,21		11,11
	16,17	13,15	29,31.2	15,16	X,X	
	20,22				9,9.3	
	17,17					
FDVXNN	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
FEDXVK	GlobalFiler™ (STRmix v2.5)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
FEXH3C	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
FGHF79	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
FJF4CH	Identifiler® Plus					
		19,20		16,16	8,11	
3	10,11	11,12			12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17,17					

TABLE 2

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

## Item 3 - STR Results

FJNX7P	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
FM9PF8	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
FN2NND	PowerPlex® Fusion 6C (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
FPFYVJ	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17	NID	NID	NID		
FPTNLP	PowerPlex® Fusion (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
FYGJVQ	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
G89BTH	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

Item 3 - STR Results

G9HF9R	Investigator® 24plex (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
G9MNL	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
GAWTYA	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
GB8LPH	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
GCGQ38	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
GD9WBK	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
GDCEGV	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

Item 3 - STR Results

GGXWYG	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	-			-	
GPNQNY	PowerPlex® Fusion					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17					
GRWUKV	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
GTMZZL	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
GVCBZQ	PowerPlex® F6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
H4LYHJ	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
H6V3YN	PowerPlex® F6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					



TABLE 2

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

Item 3 - STR Results

H783VH	Identifiler® Plus					
		19,20		16,16	8,11	
3	10,11	11,12			12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17,17					
H8YXHR	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
HAP6YH	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	NR				
HB224M	PowerPlex® Fusion					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
HB6C97	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
HD8CBN	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
HDR7XJ	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 3 - STR Results

HDUN8B	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
HE23EG	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
HE28PJ	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
HFFHWP	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
HFT4CT	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	ND			ND	
HFVXTD	GlobalFiler™ (STRmix v2.4)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
HHLVQK	Investigator® 24plex QS					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR				

TABLE 2

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

## Item 3 - STR Results

HJ2ZEA	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
HK7YZ3	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
HKRDNF	Investigator® 24plex QS (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
HQVJ4H	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
HR79JN	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
HRNEHE	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
HT4KEG	GlobalFiler™ (STRmix v2.5)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	

TABLE 2

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

## Item 3 - STR Results

HUDQGK	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
HUG2L4	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
HW8FXK	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
HXEKPM	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
HY8F4J	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,[12]	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17					
J6AXUV	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	NT
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17	NR	NR	NR	NT	
J6F849	Investigator® 24plex QS					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	-				

TABLE 2

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

## Item 3 - STR Results

J9DP6G	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	NR				
JBK3TA	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
JCB289	Investigator® 24plex (STRMix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
JELYKP	Investigator® 24plex (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
JFC6ZF	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
JGN7GM	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
JHECWD	PowerPlex® Fusion 5C, Minifiler					
	17.3	19,20	10,11.3	16	8,11	NA
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	NA	9,9.3	8,9
	17	NR/NE	NA	NA	NA	

TABLE 2

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

## Item 3 - STR Results

JJCL2G	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
JPWHTK	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NM			NM	
JPZ9WM	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
JR6TRA	Investigator® 24plex (STRMix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
JT388E	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NA			NA	
JTLQE8	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
JW2CVT	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

Item 3 - STR Results

JXRJCJ	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
JYC2N7	PowerPlex® 21					
	17.3,17.3	19,20		16,16	8,11	11,12
3	10,11	11,12		20,21	12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
K26X22	PowerPlex® Fusion 6C (STRMix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
K2WCZF	GlobalFiler™ (STRmix v2.5)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
K4GB4D	GlobalFiler™ (STRmix™)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	-			-	
K68J3F	PowerPlex® Fusion 5C, MINIFILER					
	17.3	19,20	10,11.3	16	8,11	NA
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	NA	9,9.3	8,9
	17	NR/NE	NA	NA	NA	
K7L4VQ	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 3 - STR Results

K8CACG	Identifiler® Plus					
		19,20		16,16	8,11	
3	10,11	11,12			12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17,17					
KC9YN8	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
KHDUE9	PowerPlex® F6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
KMBWWG	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
KMK882	GlobalFiler™ PCR Amplification Kit					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
KUP7XH	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
KWF847	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					



TABLE 2

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

Item 3 - STR Results

KY6DLH	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
KZBYYW	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
KZVTLR	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
L4DBGH	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
L7VGUJ	PowerPlex® Fusion (STRMix V2.4.08)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
L94P2H	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
L9J4BD	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

Item 3 - STR Results

LAB69N	PowerPlex® ESI FAST 16					
	17.3,17.3	19,20	10,11.3	16,16		
3		11,12	13,14	20,21		11,11
	16,17	13,15	29,31.2	15,16	X,X	
	20,22				9,9.3	
	17,17					
LC2BNE	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
LETXR4	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
LGE23M	Investigator® 24plex (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
LGWXLA	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
LHDZJA	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
LNEBK9	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	N/R			N/R	

TABLE 2

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

LNHQX9	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
LNDAH7	Investigator® 24plex (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
LPDHXL	PowerPlex® F6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
LQ6DMF	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
LREEEF	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
LRFF9E	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
LTPGZE	Identifiler® Plus					
		19,20		16,16	8,11	
3	10,11	11,12			12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17,17					

TABLE 2

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

## Item 3 - STR Results

LTQCPC	Investigator® 24plex QS (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
LUHGXQ	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17	No Results				
M4A6GY	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
M63VME	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
M7T336	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
M7U4LG	PowerPlex® Fusion (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
M89GKY	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

Item 3 - STR Results

M8K3ZF	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
M8NT3G	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
MDEZRR	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
MDRNTJ	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
MEJPRF	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
MQGNL7	PowerPlex® Fusion 6C (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
MT66VE	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NM			NM	

TABLE 2

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

Item 3 - STR Results

MT6ZKC	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
N3KFFQ	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17	NR	NR	NR		
N4FU9A	PowerPlex® Fusion 6C, GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
N4MYUE	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	No Results			No Results	
N7N66D	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
N8679F	PowerPlex® Fusion, 21, CS7, Verifiler Express					
	17.3	19,20	10,11.3	16	8,11	11,12
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17					
NE3QG3	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 3 - STR Results

NE999Z	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
NEZ9AR	PowerPlex® 16					
				16,16	8,11	
3	10,11	11,12			12,14	11,11
	16,17		29,31.2		X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
NFKLBB	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
NFT8CW	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
NK67EP	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
NKN2AX	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
NQBTf7	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17					

TABLE 2

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

## Item 3 - STR Results

NQCLDD	Identifiler®	19,20		16	8,11	
3	10,11	11,12			12,14	11
	16,17	13,15	29,31.2		X	11,12
	20,22				9,9.3	8,9
	17					
NQX9Z3	PowerPlex® Fusion 6C (STRmix)	17.3	19,20	10,11.3	16	8,11
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
NRRUH8	GlobalFiler™ (STRmix 2.4.06)	17.3,17.3	19,20	10,11.3	16,16	8,11
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
NVQ246	PowerPlex® Fusion 6C (STRmix)	17.3,17.3	19,20	10,11.3	16,16	8,11
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
NXDXBV	PowerPlex® Fusion 6C (STRmix)	17.3	19,20	10,11.3	16	8,11
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
NYL6JQ	PowerPlex® 5C, 6C	17.3	19,20	10,11.3	16	8,11
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
NZGHDB	PowerPlex® 5C (BulletProof)	17.3,17.3	19,20	10,11.3	16,16	8,11
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					



TABLE 2

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

## Item 3 - STR Results

NZH9LD	Identifiler® Plus					
		19,20		16,16	8,11	
3	10,11	11,12			12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17,17					
P2GNKW	GlobalFiler™ (ArmedXpert)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
P2RVGX	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
P3MEKK	Investigator® 24plex (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
P3MHT2	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
P6CK2B	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
P6CPBD	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					

TABLE 2

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

Item 3 - STR Results

P8Z2BH	PowerPlex® Fusion6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
P9BYNZ	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
P9VUU9	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
PD8PUC	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
PDTAPB	GlobalFiler™ (Strmix 2.5v)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
PDZK98	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
PFD8T8	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	-			-	

TABLE 2

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

## Item 3 - STR Results

PG4FRB	PowerPlex® Fusion 5C, Minifiler					
	17.3	19,20	10,11.3	16	8,11	NA
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	NA	9,9.3	8,9
	17	NR/NE	NA	NA	NA	
PG69PH	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
PGC4T3	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
PGPW8D	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	---			---	
PHVE79	PowerPlex® Fusion (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
PK2ZXF	PowerPlex® Fusion 6C, GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
PK4KUV	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

Item 3 - STR Results

PLX4XH	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
PLY6EA	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
PNNAE9	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
PPZDJJ	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
PTH73Y	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
PURFTB	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
PVKB88	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 3 - STR Results

PXWUPG	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
PY8WD2	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
Q234WC	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
Q2MKCE	GlobalFiler™ (TrueAllele)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
Q4EYH4	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
Q972QA	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
Q9RKL9	GlobalFiler™ (STRmix v2.5)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	

TABLE 2

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

## Item 3 - STR Results

QCN3T9	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
QCN84B	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NM			NM	
QDL9E9	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
QEEACK	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
QEQ7E4	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
QEVP37	PowerPlex® Fusion (STRmix v2.4.08)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
QFTQD6	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	

TABLE 2

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

## Item 3 - STR Results

QHBXQ7	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
QJBTF4	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
QNYHUL	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17	No Results				
QPBD FE	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
QPTJE4	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
QQT B3C	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
QR688G	GlobalFiler™ (STRmix)					
	16.3,17.3	18,19,20	10,11.3	15,16	8,10,11	
3	9,10,11	10,11,12	12,13,14	19,20,21	11,12,13,14	10,11
	15,16,17	12,13,14,15	28,29,30.2,31.2	14,15,16,17	X	10,11,12
	19,20,21,22			16,17,27.2,28.2	9,9.3	8,9
	16,17					

TABLE 2

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

## Item 3 - STR Results

QTYPEJ	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
QUP6BD	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
QVG2Y8	Investigator® 24plex QS (STRMix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
QVQPP2	Investigator® 24plex QS					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	-				
QX8CNE	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	--			--	
QXCMTX	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
R2AEMG	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					



TABLE 2

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

Item 3 - STR Results

R3FWLC	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
R4PAML	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
R4UCQD	Investigator® 24plex QS (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
R6LDPA	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	NT				
R73E4X	PowerPlex® 21					
	17.3,17.3	19,20		16,16	8,11	11,12
3	10,11	11,12		20,21	12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
R7EACH	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
R9KRBD	GlobalFiler™ (STRmix 2.4)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	No results			No results	

TABLE 2

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

Item 3 - STR Results

R9KWKF	GlobalFiler™ (GeneMapper ID-X 1.5)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	-			-	
RB94AJ	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
RCZB9M	GlobalFiler™ PCR Amplification kit (GeneMapperID-X version 1.4)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
RF4VHF	PowerPlex® F6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
RFM2G7	Investigator® 24plex (STRMix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
RFQA3D	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
RJ63K6	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

Item 3 - STR Results

RMQPQY	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
RPGV9B	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
RQ7B8K	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
RQLJCE	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	--			--	
RRLMX4	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
RRWGNB	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
RRWH8N	PowerPlex® Fusion 6C, GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 3 - STR Results

RUJZP9	PowerPlex® FUSION 5C, Minifiler					
	17.3	19,20	10,11.3	16	8,11	NA
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	NA	9,9.3	8,9
	17	NR/NE	NA	NA	NA	
RXRCHW	PowerPlex® 21					
	17.3,17.3	19,20		16,16	8,11	11,12
3	10,11	11,12		20,21	12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
T23QLN	PowerPlex® Fusion 5C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17					
T3DK9F	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
T3TYHB	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
T6EQLZ	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	NR
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	NR	NR	17,28.2	9,9.3	8,9
	17,17	NR	NR	NR	NR	
T6J6X2	PowerPlex® Fusion					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17					

TABLE 2

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

Item 3 - STR Results

T7B7VC	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
T9HGU2	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	--			--	
TCJKN9	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	No Results			No Results	
TCZMKA	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
TE2R2B	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
TFNYKF	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
TGBR7H	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 3 - STR Results

TGGV99	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
TLPALD	PowerPlex® F6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
TNZ3NT	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
TP4ZQ9	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
TPQJM8	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
TQXV64	PowerPlex® Fusion (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
TQYQV2	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 3 - STR Results

TRGHZ7	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
TT46FL	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17	-	-	-		
TVTP37	Identifiler® Plus					
		19,20		16	8,11	
3	10,11	11,12			12,14	11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17					
TVZD4X	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
TXLC8U	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
TYAPPD	GlobalFiler™ (STRmix v2.4)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	No results			No results	
TYZNXD	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

## Item 3 - STR Results

TZ92EE	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
TZP9AB	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
TZQYN7	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
U39MDB	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
U4HRQY	PowerPlex® Fusion 6C (STRMix V2.5.11)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
U6ATNA	PowerPlex® Fusion (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
U83FRY	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					



TABLE 2

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

Item 3 - STR Results

UE6PXR	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
UEKTQX	Investigator® 24plex (STRmix V2.4.06)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
UH38UY	PowerPlex® Fusion6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
UME3U2	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
UXEG3E	Investigator® 24plex (STRMix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
UXVZKR	PowerPlex® F6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
UY9CGB	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

## Item 3 - STR Results

UZZBV9	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
V76QG3	Investigator® 24plex QS (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
V7LRHJ	Identifiler® Plus					
		19,20		16,16	8,11	
3	10,11	11,12			12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17,17					
V9AANB	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
V9FH26	GlobalFiler™ (STRmix v2.5)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
VB4UZB	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
VBZF62	GlobalFiler™ (STRMix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	-			-	

TABLE 2

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

## Item 3 - STR Results

VCC3U3	PowerPlex® 5C (STRMix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
VCCXJZ	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
VDHKTY	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
VDNR48	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
VEGPCD	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
VFXNXC	GlobalFiler™ (STRmix v.2.5)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
VL6GR8	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					

TABLE 2

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

Item 3 - STR Results

VPCLDF	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
VPN94A	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
VPZ9Z4	GlobalFiler™ (STRmix v2.5)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
VQA887	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
VRK74Z	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
VT24VZ	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
VTGQNE	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	-			-	

TABLE 2

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

## Item 3 - STR Results

VTNKYA	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
VU9H37	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
W3DG3	PowerPlex® Fusion 5C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
VX8Y99	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
W29BY8	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
W4T934	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
W6M4GY	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17	NR	NR	NR		

TABLE 2

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

Item 3 - STR Results

W8C7N9	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	No Result			No Result	
W8FQKN	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
W98T2C	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
W9N3Z6	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
WA2HNE	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	ND			ND	
WBVH9W	PowerPlex® Fusion 5C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17					
WEWAQA	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	

TABLE 2

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

Item 3 - STR Results

WHH4KP	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
WKK74Y	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
WM8Q6W	PowerPlex® Fusion 6C (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
WNMV8	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
WPRJZC	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
WPTEPA	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	No Result			No Result	
WU9VAY	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

Item 3 - STR Results

WU9XTC	Investigator® 24plex QS (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
WVMAPV	Investigator® 24plex (STRmix V2.406)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
WVY493	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
WWG2P9	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
WY3YR6	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
WZT8R9	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	--			--	
X26X4X	GlobalFiler™ (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	



TABLE 2

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

## Item 3 - STR Results

X32HNC	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
X4AKK9	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	No Results				
X64FY6	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
X6Z36G	PowerPlex® Fusion and Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17	NR	NR	NR		
X7DPMV	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	
X93V68	PowerPlex® Fusion (STRMix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
XDJZD3	GlobalFiler™ (STRmix v2.5)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	

TABLE 2

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

## Item 3 - STR Results

XDXHR7	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
XEPLPG	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
XF8CC9	GlobalFiler™ (STR-mix)					
	17.3	19,20	10,11.3	16	8,11	
	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
XGWWN7	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
XHUZN9	Investigator® 24plex					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
XL9MB	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
XLN9GG	GlobalFiler™, Investigator® 24plex QS					
	17.3,17.3	19,20	10,11.3	16,16	8,11	Not Tested
	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	Not Tested	Not Tested	17,28.2	9,9.3*	8,9
	17,17	NR	Not Tested	Not Tested	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 3 - STR Results

XPQAJY	PowerPlex® FUSION 5C, MINIFILER					
	17.3	19,20	10,11.3	16	8,11	NA
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	NA	9,9.3	8,9
	17	NR/NE	NA	NA	NA	
XREKH6	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	-			-	
XRHWMN	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
XTTX9M	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
XUHDBH	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
XUNGDA	Investigator® 24plex (STR Mix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
XVHCR6	PowerPlex® Fusion 5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					

TABLE 2

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

## Item 3 - STR Results

XWACNF	GlobalFiler™					
		17.3	19,20	10,11.3	16	8,11
	3	10,11	11,12	13,14	20,21	12,14 11
		16,17	13,15	29,31.2	15,16	X,X 11,12
		20,22			17,28.2	9,9.3 8,9
	17					
XZEQM8	Investigator® 24plex (STRmix)					
		17.3,17.3	19,20	10,11.3	16,16	8,11
	3	10,11	11,12	13,14	20,21	12,14 11,11
		16,17	13,15	29,31.2	15,16	X,X 11,12
		20,22			17,28.2	9,9.3 8,9
	17,17					
Y4DHE6	GlobalFiler™					
		17.3	19,20	10,11.3	16	8,11
	3	10,11	11,12	13,14	20,21	12,14 11
		16,17	13,15	29,31.2	15,16	X 11,12
		20,22			17,28.2	9,9.3 8,9
	17	NR			NR	
Y8CTB6	GlobalFiler™					
		17.3	19,20	10,11.3	16	8,11
	3	10,11	11,12	13,14	20,21	12,14 11
		16,17	13,15	29,31.2	15,16	X 11,12
		20,22			17,28.2	9,9.3 8,9
	17	NR			NR	
YCVELV	GlobalFiler™ (STRmix v. 2.4.06)					
		17.3,17.3	19,20	10,11.3	16,16	8,11
	3	10,11	11,12	13,14	20,21	12,14 11,11
		16,17	13,15	29,31.2	15,16	X,X 11,12
		20,22			17,28.2	9,9.3 8,9
	17,17	NR			NR	
YDTK6B	GlobalFiler™					
		17.3	19,20	10,11.3	16	8,11
	3	10,11	11,12	13,14	20,21	12,14 11
		16,17	13,15	29,31.2	15,16	X 11,12
		20,22			17,28.2	9,9.3 8,9
	17					
YGTUFD	Investigator® 24plex (STRmix)					
		17.3,17.3	19,20	10,11.3	16,16	8,11
	3	10,11	11,12	13,14	20,21	12,14 11,11
		16,17	13,15	29,31.2	15,16	X,X 11,12
		20,22			17,28.2	9,9.3 8,9
	17,17	NR				

TABLE 2

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

Item 3 - STR Results

YKQDD6	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
YKWB6U	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
YM4QCZ	GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
YMJ6RW	GlobalFiler™ (STRMIX)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
YNB6P8	PowerPlex® F6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					
YP8LV3	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
YQ27WV	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					

TABLE 2

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

Item 3 - STR Results

YQZB6X	PowerPlex® Fusion 6C					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17	NR	NR	NR		
YRT8R7	PowerPlex® Fusion 5C (STRMix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17	INC				
YUHL89	Investigator® 24plex (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
Z7RLEL	PowerPlex® F6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
Z9RYTY	Investigator® 24plex QS (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
ZB4EMY	Investigator® 24plex QS					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
ZB7AZ4	GlobalFiler™ (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17	NR			NR	

TABLE 2

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

## Item 3 - STR Results

ZDQ94Z	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
ZFLHN4	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17					
ZKRD84	GlobalFiler™					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22			17,28.2	9,9.3	8,9
	17	NR			NR	
ZR9WG6	Investigator® 24plex (STRmix)					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22			17,28.2	9,9.3	8,9
	17,17					
ZTWQMK	PowerPlex® Fusion, GlobalFiler™					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
ZZLPUL	PowerPlex® Fusion 6C (STRmix)					
	17.3	19,20	10,11.3	16	8,11	
3	10,11	11,12	13,14	20,21	12,14	11
	16,17	13,15	29,31.2	15,16	X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17					

TABLE 2

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

Item 3e - STR Results

43GTX4	PowerPlex® Fusion 6C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3e	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18	17,28.2	9,9.3	8,9
	17,17					
D36CJ3	PowerPlex® Fusion5C					
	17.3,17.3	19,20	10,11.3	16,16	8,11	
3e	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					
TJ2XM9	Identifiler® plus					
		19,20		16,16	8,11	
3e	10,11	11,12			12,14	11,11
	16,17	13,15	29,31.2		X,X	11,12
	20,22				9,9.3	8,9
	17,17					



TABLE 2

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

Item 3sp - STR Results

43GTX4 PowerPlex® Fusion 6C

3sp						

D36CJ3 PowerPlex® Fusion5C

	17.3,17.3	19,20	10,11.3	16,16	8,11	
3sp	10,11	11,12	13,14	20,21	12,14	11,11
	16,17	13,15	29,31.2	15,16	X,X	11,12
	20,22	8,10	8,18		9,9.3	8,9
	17,17					

TJ2XM9 Identifiler® plus

		-		-	-	
3sp	-	-		-	-	-
	-	-	-	-	-	-
	-			-	-	-
	-					

TABLE 2

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

22ATU7	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
23ANJ4	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
23NE7T	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
24F7KK	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
24YYBW	PowerPlex® Fusion (STRmix V2.4.08)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
298MLD	PowerPlex® Fusion 6C (STRmix 2.6.3)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
29DQN6	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				

TABLE 2

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

2A7K3Z	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
2FPTK6	GlobalFiler™ (TrueAllele)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
2JXUV4	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
2KZ734	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
2LY4JQ	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
2UFNWP	PowerPlex® Fusion 6C (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
2W3833	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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 4 - STR Results

2WVBEB	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
2WZMZL	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
2XV749	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
2XWUUY	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
2ZGRWV	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
32MJGV	PowerPlex® Fusion (Strmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
3BYWGZ	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

3C4LHN	Investigator® 24plex (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
3CN3XQ	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
3CP4G3	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
3HDM27	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
3HT2B2	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
3KHC2U	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
3LB9N3	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	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

3MKD2Q	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
3N6X63	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
3PAJK3	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
3QQTJV	Investigator® 24plex QS (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
3RGRXT	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
3RHUG7	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
3U9ZWW	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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 4 - STR Results

3UATU4	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
3Y2XN9	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
43W9UR	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
43X4JP	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
463Q22	Investigator® 24plex QS (Strmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
46PVXG	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
474BFP	GlobalFiler™ (STRMIX)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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 4 - STR Results

49N9JL	PowerPlex® Fusion 6C (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
4FJHEC	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
4FZE8C	GlobalFiler™, Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
4L7BQC	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
4LP6FT	GlobalFiler™, Minifiler (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
4LTHB2	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
4NDGEY	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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 4 - STR Results

4P8BTU	Identifiler® Plus					
		17,20		16,18	11,12	
4	10,10	12,14			11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
4RVMRZ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
4RZXWJ	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
4WT9UN	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
4YD7XK	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
4ZWTW3	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
63A6XC	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	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 4 - STR Results

63DF3V	Investigator® 24plex QS (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
67VLFW	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
6AGJWZ	Investigator® 24plex (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
6CJJQ6	PowerPlex® 21, ESX17, CS7, VERIFILER PLUS					
	14,19.3	17,20	11,12.3	16,18	11,12	12,18
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16				2	
6CL36U	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
6FHXDV	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
6GCNGN	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

6JEPJ7	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
6JZ6QW	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
6K9EMZ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
6KEK94	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
6KF9XV	GlobalFiler™ (STRMix v2.5)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
6KYX3	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
6MZ72R	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

6NR8Y3	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
6RETRP	GlobalFiler™ (STRmix v2.4.06)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
6T4DGU	Investigator® 24plex QS (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
6VVDD6	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
6WKJUV	PowerPlex® Fusion 5C, Minifiler					
	14,19.3	17,20	11,12.3	16,18	11,12	NA
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	NA	7,9	8,11
	14,16	9	NA	NA	NA	
6YNFDY	PowerPlex® Fusion (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
6YTQHH	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

6ZNDUL	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
738RXM	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
74496H	PowerPlex® PP21					
	14,19.3	17,20		16,18	11,12	12,18
4	10,10	12,14		20,24	11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16					
79WDV2	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
7B3UZX	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
7DQ7Y4	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
7DULEP	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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 4 - STR Results

7E29K3	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
7FCTRQ	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
7JCARR	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
7M38PY	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
7P49EA	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
7PM6TV	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
7QDB9L	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	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 4 - STR Results

7QDDR	PowerPlex® Fusion (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
7UDJDV	Identifiler® Plus					
		17,20		16,18	11,12	
4	10,10	12,14			11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
7UELW9	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
7W2VC2	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
7W4QTL	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
7WK7LU	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
7WLYK2	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

7WZ4ET	Identifiler® PLUS					
		17,20		16,18	11,12	
4	10	12,14			11,14	10,11
	12,19	12,14	28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
7YCTPH	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
7ZKAF2	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
7ZMQ2E	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
82GRMW	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
833PPT	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
88XL9T	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	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 4 - STR Results

8A27A8	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
8BGH7J	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
8EXVQE	GlobalFiler™ PCR Amplification Kit					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
8G73AY	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
8JQZCV	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
8K3HRV	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
8K4JB8	PowerPlex® Fusion 6c					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

8KKVQR	Identifiler® Plus					
		17,20		16,18	11,12	
4	10	12,14			11,14	10,11
	12,19	12,14	28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
8KRJRK	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
8MDHUG	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
8MT2EE	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
8NLRKT	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
8R4UNR	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
8UBAWJ	Investigator® 24plex (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	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 4 - STR Results

8XN7ED	GlobalFiler™ PCR Amplification Kit					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
8XTFMR	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
96NZTR	PowerPlex® Fusion 5C, Minifiler					
	14,19.3	17,20	11,12.3	16,18	11,12	NA
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	NA	7,9	8,11
	14,16	9	NA	NA	NA	
96PTRY	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
98BBAK	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
98CCTW	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
98FMXG	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

9C83CF	PowerPlex® 21					
	14,19.3	17,20		16,18	11,12	12,18
4	10,10	12,14		20,24	11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16					
9GH8XN	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
9GP6GZ	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
9GXD98	GlobalFiler™, Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	Not Tested
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	Not Tested	Not Tested	29.2,31.2	7,9	8,11
	14,16	9	Not Tested	Not Tested	2	
9JA4KW	Investigator® 24plex QS (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
9JL3GQ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
9KPGDZ	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

9KZAZM	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
9KZEBP	PowerPlex® Fusion (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
9LVUML	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
9M4AUR	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	NA
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	NA	7,9	8,11
	14,16	9	NA	NA	NA	
9MAEFW	Investigator® 24plex QS (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
9MBXVK	GlobalFiler™ (STRmix (to calculate LR))					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
9PRLTX	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

9Q8VTQ	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
9Y3XU2	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
9Y4GAQ	PowerPlex® Fusion 6C (STRmx v 2.6)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
A32GRU	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	[14],16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
A3E7TK	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
AAH8XL	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
AAY7AX	PowerPlex® F6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

ABA9VW	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
ABF4XG	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
AD232D	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
AEAJQW	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
AEPFJW	GlobalFiler™ (STRmix version 2.4)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
AEPKUY	GlobalFiler™ (BulletProof)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
AEVQF3	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

AEWL6Z	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
AGD6PU	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
AGV29G	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
AGW3RU	PowerPlex® fusion (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
AGZDWD	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
AHVWZZ	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
AJY23M	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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 4 - STR Results

ALRN7C	PowerPlex® Fusion 6C (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
ANG498	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	NT
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	NT	NT	29.2,31.2	7,9	8,11
	14,16	9	NT	NT	2	
APNGVZ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
ATAXEL	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
ATFG7H	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
AU6J2K	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	Not tested
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	Not tested	Not tested	29.2,31.2	7,9	8,11
	14,16	9	Not tested	Not tested	2	
AUZEAE	PowerPlex® FUSION 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

AZBBC4	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
B66D7V	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
B8Q9JM	Investigator® 24plex QS (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
B9HAGY	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
BAC3CG	GlobalFiler™, MiniFiler					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
BB4DRG	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
BCL8RQ	Identifiler® Plus					
		17,20		16,18	11,12	
4	10,10	12,14			11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24				7,9	8,11
	14,16					

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 4 - STR Results

BDBD9G	PowerPlex® Fusion, MiniFiler					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
BDE2JU	PowerPlex® Fusion 6C (STRMIX)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
BE9QTN	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
BFZZMQ	Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
BGPBDJ	GlobalFiler™ (STRmix 2.4.06)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
BKUULC	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
BLLVJN	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	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 4 - STR Results

BLLYUQ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
BM6MPR	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
BPTYNX	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
BQ3ZFX	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
BREXRU	Investigator® 24plex QS (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
BT7TGN	Investigator® 24plex QS (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
BU4C7W	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

BVUAQV	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
BWPUNG	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
BYBRRD	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
BZN4NX	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
C2RJ7M	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
C2XNRR	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
C2Z87F	PowerPlex® Fusion 6C (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

C37PR6	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
C3B7ZN	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
C4K6AC	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
C6FTN2	GlobalFiler™ (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
C79WZ9	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CBJWAT	GlobalFiler™ (STRmix v. 2.4)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CBLH8U	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	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 4 - STR Results

CBQPKN	GlobalFiler™ (STRmix 2.5)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CDCNMK	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
CFABUU	GlobalFiler™ (TrueAllele)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CFC23X	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CFXFMU	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CJCA6M	Identifiler® Plus					
		17,20		16,18	11,12	
4	10	12,14			11,14	10,11
	12,19	12,14	28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
CJD23U	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

CJKX6E	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
CJV44	GlobalFiler™, Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CKQPMU	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
CKTAKV	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CL6W9B	PowerPlex® Fusion 6C (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
CLZL4R	PowerPlex® Fusion (STRMix v2.408)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
CMD9NR	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

CPLBN6	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
CPYQHQ	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CRATUW	Investigator® 24plex (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
CRFZ8Q	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CUVLMQ	PowerPlex® FUSION 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
CUZYAM	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CVEERV	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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 4 - STR Results

CWH6NN	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CWNBAT	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CWPDPP	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
CYACRL	Investigator® 24plex QS (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
CYDPNU	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
D69CD8	GlobalFiler™ PCR Amplification kit					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9,9			2	
D6CP8V	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

D7KR89	GlobalFiler™ PCR Amplification Kit					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
D7P49C	PowerPlex® 21 (STRmix)					
	14,19.3	17,20		16,18	11,12	12,18
4	10,10	12,14		20,24	11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16					
D8Y8PF	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
D9A3B9	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
DBZHC4	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
DCU49F	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
DDL2G	GlobalFiler™ (STRMIX)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

DDM2D2	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
DFQRM2	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
DGPG4P	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
DHYQ9V	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
DJAW6W	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
DJTLMR	NGM Select					
	14,19.3	17,20	11,12.3	16,18		
4		12,14	14,16	20,24		10,11
	12,19	12,14	28	11,16	X,Y	
	20,24			29.2,31.2	7,9	
	14,16					
DLKJ2Q	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	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 4 - STR Results

DLZ4LM	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,[16]	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
DQUZAE	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
DTEPUR	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
DUTB7E	Investigator® 24plex (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
DV3GLN	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
DXTHRC	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
DY72M3	GlobalFiler™, Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	Not tested
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	Not tested	Not tested	29.2,31.2	7,9	8,11
	14,16	9	Not tested	Not tested	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

E2UWZM	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
E4H9ZT	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
E6QGTK	Identifiler® Plus					
		17,20		16,18	11,12	
4	10	12,14			11,14	10,11
	12,19	12,14	28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
E6R9RT	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
E7HF8J	PowerPlex® Fusion 5C, Minifiler					
	14,19.3	17,20	11,12.3	16,18	11,12	NA
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	NA	7,9	8,11
	14,16	9,9	NA	NA	NA	
E7NQXN	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
E9RLGQ	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

EA9HAQ	PowerPlex® Fusion 6 (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
EAYVJW	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
EBTKMP	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
ECE3YC	PowerPlex® Fusion 6C (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
EEYRJP	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
EPTM3C	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
EQ8UNT	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

ER4BUN	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
ERHNAL	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
ETAP8W	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
ETE9VY	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
EVZVNM	PowerPlex® FUSION 5C, MINIFILER					
	14,19.3	17,20	11,12.3	16,18	11,12	NA
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	NA	7,9	8,11
	14,16	9	NA	NA	NA	
F6MCQL	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
F74AHL	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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 4 - STR Results

F9N8LH	Investigator® 24plex QS (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
FBX78C	PowerPlex® ESX 16 Fast (GeneMapper ID-X)					
	14,19.3	17,20	11,12.3	16,18		
4		12,14	14,16	20,24		10,11
	12,19	12,14	28,28	11,16	X,Y	
	20,24				7,9	
	14,16					
FDVXNN	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
FEDXVK	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
FEXH3C	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
FGHF79	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
FJF4CH	Identifiler® Plus					
		17,20		16,18	11,12	
4	10,10	12,14			11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24				7,9	8,11
	14,16					

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 4 - STR Results

FJNX7P	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
FM9PF8	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
FN2NND	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
FPFYVJ	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
FPTNLP	PowerPlex® Fusion (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
FYGJVQ	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
G89BTH	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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 4 - STR Results

G9HF9R	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
G9MNL	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
GAWTYA	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
GB8LPH	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
GCGQ38	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
GD9WBK	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
GDCEGV	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

GGXWYG	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
GPNQNY	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
GRWUKV	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
GTMZZL	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
GVBCZQ	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
H4LYHJ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
H6V3YN	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

H783VH	Identifiler® Plus					
		17,20		16,18	11,12	
4	10,10	12,14			11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
H8YXHR	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HAP6YH	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
HB224M	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
HB6C97	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
HD8CBN	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
HDR7XJ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

HDUN8B	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HE23EG	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HE28PJ	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
HFFHWP	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HFT4CT	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HFVXTD	GlobalFiler™ (STRmix v2.4)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HHLVQK	Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	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 4 - STR Results

HJ2ZEA	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HK7YZ3	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
HKRDNF	Investigator® 24plex QS (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
HQVJ4H	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HR79JN	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HRNEHE	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HT4KEG	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

HUDQGK	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HUG2L4	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
HW8FXK	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
HXEKPM	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
HY8F4J	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	[14],16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,[Y]	9,11
	20,24	11,12	10,[13]		7,9	8,11
	14,16	9				
J6AXUV	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	NT
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19	NT	
J6F849	Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	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 4 - STR Results

J9DP6G	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
JBK3TA	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
JCB289	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
JELYKP	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
JFC6ZF	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
JGN7GM	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
JHECWD	PowerPlex® Fusion 5C, Minifiler					
	14,19.3	17,20	11,12.3	16,18	11,12	NA
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	NA	7,9	8,11
	14,16	9	NA	NA	NA	

TABLE 2

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

## Item 4 - STR Results

JJCL2G	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
JPWHTK	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
JPZ9WM	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
JR6TRA	Investigator® 24plex (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
JT388E	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
JTLQE8	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
JW2CVT	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

JXRJCJ	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
JYC2N7	PowerPlex® 21					
	14,19.3	17,20		16,18	11,12	12,18
4	10,10	12,14		20,24	11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16					
K26X22	PowerPlex® Fusion 6C (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
K2WCZF	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
K4GB4D	GlobalFiler™ (STRmix™)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
K68J3F	PowerPlex® Fusion 5C, MINIFILER					
	14,19.3	17,20	11,12.3	16,18	11,12	NA
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	NA	7,9	8,11
	14,16	9	NA	NA	NA	
K7L4VQ	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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 4 - STR Results

K8CACG	Identifiler® Plus					
		17,20		16,18	11,12	
4	10,10	12,14			11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
KC9YN8	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
KHDUE9	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
KMBWWG	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
KMK882	GlobalFiler™ PCR Amplification Kit					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
KUP7XH	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
KWF847	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

KY6DLH	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
KZBYYW	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
KZVTLR	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
L4DBGH	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
L7VGUJ	PowerPlex® Fusion (STRMix V2.4.08)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
L94P2H	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
L9J4BD	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

LAB69N	PowerPlex® ESI FAST 16					
	14,19.3	17,20	11,12.3	16,18		
4		12,14	14,16	20,24		10,11
	12,19	12,14	28,28	11,16	X,Y	
	20,24				7,9	
	14,16					
LC2BNE	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
LETXR4	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
LGE23M	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
LGWXL A	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
LHDZJA	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
LNEBK9	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

LNHQX9	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
LNDAH7	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
LPDHXL	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
LQ6DMF	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
LREEEF	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
LRFF9E	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
LTPGZE	Identifiler® Plus					
		17,20		16,18	11,12	
4	10,10	12,14			11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24				7,9	8,11
	14,16					

TABLE 2

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

LTQCPC	Investigator® 24plex QS (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
LUHGXQ	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
M4A6GY	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
M63VME	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
M7T336	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
M7U4LG	PowerPlex® Fusion (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
M89GKY	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		



TABLE 2

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

M8K3ZF	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
M8NT3G	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
MDEZRR	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
MDRNTJ	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
MEJPRF	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
MQGNL7	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
MT66VE	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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 4 - STR Results

MT6ZKC	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
N3KFFQ	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
N4FU9A	PowerPlex® Fusion 6C, GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19	2	
N4MYUE	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
N7N66D	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
N8679F	PowerPlex® Fusion, 21, CS7, Verifiler Express					
	14,19.3	17,20	11,12.3	16,18	11,12	12,18
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9			2	
NE3QG3	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	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 4 - STR Results

NE999Z	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
NEZ9AR	PowerPlex® 16					
				16,18	11,12	
4	10,10	12,14			11,14	10,11
	12,19		28,28		X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16					
NFKLBB	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
NFT8CW	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
NK67EP	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
NKN2AX	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
NQBTf7	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	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 4 - STR Results

NQCLDD	Identifiler®	17,20		16,18	11,12	
4	10	12,14		20,24	11,14	10,11
	12,19	12,14	28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
NQX9Z3	PowerPlex® Fusion 6C (STRmix)	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
NRRUH8	GlobalFiler™ (STRmix 2.4.06)	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
NVQ246	PowerPlex® Fusion 6C (STRmix)	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
NXDXBV	PowerPlex® Fusion 6C (STRmix)	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
NYL6JQ	PowerPlex® 5C, 6C	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
NZGHDB	PowerPlex® 5C (BulletProof)	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	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 4 - STR Results

NZH9LD	Identifiler® Plus					
		17,20		16,18	11,12	
4	10,10	12,14			11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
P2GNKW	GlobalFiler™ (ArmedXpert)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
P2RVGX	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
P3MEKK	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
P3MHT2	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
P6CK2B	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
P6CPBD	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				

TABLE 2

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

P8Z2BH	PowerPlex® Fusion6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
P9BYNZ	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
P9VUU9	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
PD8PUC	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
PDTAPB	GlobalFiler™ (Strmix 2.5v)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
PDZK98	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
PFD8T8	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

PG4FRB	PowerPlex® Fusion 5C, Minifiler					
	14,19.3	17,20	11,12.3	16,18	11,12	NA
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	NA	7,9	8,11
	14,16	9	NA	NA	NA	
PG69PH	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
PGC4T3	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
PGPW8D	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
PHVE79	PowerPlex® Fusion (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
PK2ZXF	PowerPlex® Fusion 6C, GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19	2	
PK4KUV	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

PLX4XH	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
PLY6EA	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
PNNAE9	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
PPZDJJ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
PTH73Y	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
PURFTB	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
PVKB88	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

PXWUPG	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
PY8WD2	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
Q234WC	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
Q2MKCE	GlobalFiler™ (TrueAllele)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
Q4EYH4	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
Q972QA	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
Q9RKL9	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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 4 - STR Results

QCN3T9	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
QCN84B	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
QDL9E9	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
QEEACK	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
QEQ7E4	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
QEV37	PowerPlex® Fusion (STRmix v2.4.08)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
QFTQD6	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

QHBXQ7	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
QJBTF4	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
QNYHUL	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
QPBD FE	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
QPTJE4	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
QQT B3C	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
QR688G	GlobalFiler™ (STRMix)					
	13,14,18.3,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,15,16	20,24	11,13,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

QTYPEJ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
QUP6BD	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
QVG2Y8	Investigator® 24plex QS (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
QVQPP2	Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
QX8CNE	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
QXCMTX	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
R2AEMG	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

R3FWLC	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
R4PAML	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
R4UCQD	Investigator® 24plex QS (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
R6LDPA	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,[16]	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
R7EACH	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
R9KRBD	GlobalFiler™ (STRmix 2.4)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
R9KWKF	GlobalFiler™ (GeneMapper ID-X 1.5)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

RB94AJ	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
RCZB9M	GlobalFiler™ PCR Amplification kit (GeneMapperID-X version 1.4)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
RF4VHF	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
RFM2G7	Investigator® 24plex (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
RFQA3D	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
RJ63K6	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
RMQPQY	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

RPGV9B	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
RQ7B8K	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
RQLJCE	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
RRLMX4	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
RRWGNB	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
RRWH8N	PowerPlex® Fusion 6C, GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19	2	
RUJZP9	PowerPlex® Fusion 5C, Minifiler					
	14,19.3	17,20	11,12.3	16,18	11,12	NA
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	NA	7,9	8,11
	14,16	9	NA	NA	NA	

TABLE 2

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

## Item 4 - STR Results

RXRCHW	PowerPlex® 21					
	14,19.3	17,20		16,18	11,12	12,18
4	10,10	12,14		20,24	11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16					
T23QLN	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
T3DK9F	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
T3TYHB	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
T6EQLZ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	NR
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	NR	NR	29.2,31.2	7,9	8,11
	14,16	9	NR	NR	2	
T6J6X2	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
T7B7VC	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

T9HGU2	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
TCJKN9	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
TCZMKA	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
TE2R2B	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
TFNYKF	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
TGBR7H	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
TGGV99	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

TLPALD	PowerPlex® F6C (STRmix v2.6.1)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
TNZ3NT	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
TP4ZQ9	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
TPQJM8	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
TQXV64	PowerPlex® Fusion (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
TQYQV2	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
TRGHZ7	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

TT46FL	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
TVTP37	Identifiler® Plus					
		17,20		16,18	11,12	
4	10	12,14			11,14	10,11
	12,19	12,14	28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
TVZD4X	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
TXLC8U	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
TYAPPD	GlobalFiler™ (STRmix v2.4)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
TYZNXD	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
TZ92EE	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

TZP9AB	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
TZQYN7	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
U39MDB	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
U4HRQY	PowerPlex® Fusion 6C (STRMix V2.5.11)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
U6ATNA	PowerPlex® Fusion (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
U83FRY	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
UE6PXR	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

UEKTQX	Investigator® 24plex (STRmix V2.4.06)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
UH38UY	PowerPlex® Fusion6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
UME3U2	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
UXEG3E	Investigator® 24plex (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
UXVZKR	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
UY9CGB	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
UZZBV9	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	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 4 - STR Results

V76QG3	Investigator® 24plex QS (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
V7LRHJ	Identifiler® Plus					
		17,20		16,18	11,12	
4	10,10	12,14			11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24				7,9	8,11
	14,16					
V9AANB	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
V9FH26	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
VB4UZB	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
VBZF62	GlobalFiler™ (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
VCC3U3	PowerPlex® 5C (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	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

VCCXJZ	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
VDHKTY	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
VDNR48	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
VEGPCD	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
VFXNXC	GlobalFiler™ (STRmix v.2.5)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
VL6GR8	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
VPELDF	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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 4 - STR Results

VPN94A	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
VPZ9Z4	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
VQA887	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
VRK74Z	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
VT24VZ	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
VTGQNE	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
VTNKYA	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		



TABLE 2

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

VU9H37	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
W3DG3	PowerPlex® Fusion 5C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
VX8Y99	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
W29BY8	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
W4T934	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
W6M4GY	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
W8C7N9	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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 4 - STR Results

W8FQKN	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
W98T2C	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
W9N3Z6	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
WA2HNE	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
WBVH9W	PowerPlex® Fusion 5C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
WEWAQA	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
WHH4KP	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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 4 - STR Results

WKK74Y	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
WM8Q6W	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
WNMV8	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
WPRJZC	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
WPTEPA	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
WU9VAY	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
WU9XTC	Investigator® 24plex QS (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				

TABLE 2

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

WVMAPV	Investigator® 24plex (STRmix V2.406)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
WVY493	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
WWG2P9	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
WY3YR6	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
WZT8R9	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
X26X4X	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
X32HNC	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

X4AKK9	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
X64FY6	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
X6Z36G	PowerPlex® Fusion and Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
X7DPMV	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
X93V68	PowerPlex® Fusion					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
XDJZD3	GlobalFiler™ (STRmix v2.5)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
XDXKR7	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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 4 - STR Results

XEPLPG	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
XF8CC9	GlobalFiler™ (STR-mix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
XGWWN7	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
XHUZN9	Investigator® 24plex					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
XL9MB	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
XLN9GG	GlobalFiler™, Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	Not Tested
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	Not Tested	Not Tested	29.2,31.2	7,9	8,11
	14,16	9	Not Tested	Not Tested	2	
XPQAJY	PowerPlex® FUSION 5C, MINIFILER					
	14,19.3	17,20	11,12.3	16,18	11,12	NA
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	NA	7,9	8,11
	14,16	9	NA	NA	NA	

TABLE 2

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

## Item 4 - STR Results

XREKH6	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
XRHWMN	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
XTTX9M	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
XUHDBH	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
XUNGDA	Investigator® 24plex (STR Mix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
XVHCR6	PowerPlex® Fusion 5C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,[13],14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
XWACNF	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

XZEQM8	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
Y4DHE6	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
Y8CTB6	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
YCVELV	GlobalFiler™ (STRmix v. 2.4.06)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
YDTK6B	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
YGTUFD	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
YKQDD6	GlobalFiler™ (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

YKWB6U	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
YM4QCZ	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
YMJ6RW	GlobalFiler™ (STRMIX)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
YNB6P8	PowerPlex® F6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
YP8LV3	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
YQ27VW	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
YQZB6X	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

YRT8R7	PowerPlex® Fusion 5C (STRMix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	INC				
YUHL89	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
Z7RLEL	PowerPlex® F6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
Z9RYTY	Investigator® 24plex QS (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
ZB4EMY	Investigator® 24plex QS					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
ZB7AZ4	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
ZDQ94Z	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			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

ZFLHN4	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
ZKRD84	GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9			2	
ZR9WG6	Investigator® 24plex (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24			29.2,31.2	7,9	8,11
	14,16	9				
ZTWQMK	PowerPlex® Fusion, GlobalFiler™					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9			2	
ZZLPUL	PowerPlex® Fusion 6C (STRmix)					
	14,19.3	17,20	11,12.3	16,18	11,12	
4	10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		

TABLE 2

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

Item 4e - STR Results

43GTX4	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4e	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13	29.2,31.2	7,9	8,11
	14,16	9	22	19		
D36CJ3	PowerPlex® Fusion 6C					
	14,19.3	17,20	11,12.3	16,18	11,12	
4e	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				
R73E4X	PowerPlex® 21					
	14,19.3	17,20		16,18	11,12	12,18
4e	10,10	12,14		20,24	11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16					
TJ2XM9	Identifiler® plus					
		17,20		16,18	11,12	
4e	10,10	12,14			11,14	10,11
	12,19	12,14	28,28		X,Y	9,11
	20,24				7,9	8,11
	14,16					

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 4sp - STR Results

43GTX4 PowerPlex® Fusion 6C

4sp						

D36CJ3

	14,19.3	17,20	11,12.3	16,18	11,12	
4sp	10,10	12,14	14,16	20,24	11,14	10,11
	12,19	12,14	28,28	11,16	X,Y	9,11
	20,24	11,12	10,13		7,9	8,11
	14,16	9				

R73E4X PowerPlex® 21

	NR	NR		NR	NR	NR
4sp	NR	NR		NR	NR	NR
	NR	NR	NR		NR	NR
	NR	NR	NR		NR	NR
	NR					

TJ2XM9 Identifiler® plus

		-		-	-	
4sp	-	-		-	-	-
	-	-	-	-	-	-
	-			-	-	-
	-					

# YSTR Amplification Kit(s) & Results

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 1 - YSTR Results

6WKJUV										
1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
7P49EA PowerPlex® Y 23										
1	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
96NZTR										
1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9M4AUR										
1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
9PVWXG										
1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DCU49F Yfiler™, Fusion 5C										
1		NR	NR,NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR			
							NR			NR
E6QGTK Yfiler™										
1	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
E7HF8J										
1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EVZVNM										
1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GPNQNY PowerPlex® Y 23										
1										
JHECWD										
1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	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

K68J3F									
1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
PG4FRB									
1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
RUJZP9									
1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	N	NA	NA	NA	NA	NA	NA	NA
TT46FL	PowerPlex® Y 23								
1	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
W8C7N9	Yfiler™								
1	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
							No Result		No Result
XPQAJY									
1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZTWQMK	Yfiler™ Plus								
1									

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

22ATU7	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20	16	18			27
		11	11	22	19	21	13		12
23ANJ4	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
24YYBW	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
2A7K3Z	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
2BYLZB	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
2JXUV4	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19	21	13		12
2KZ734	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
2W3833	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
32MJGV	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
3CP4G3	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
3HDM27	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19	21	13		12



TABLE 3

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

Item 2 - YSTR Results

3LB9N3	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		12
							21		
3PAJK3	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		12
							21		
3U9ZWW	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
3UATU4	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
474BFP	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		12
							21		
4FJHEC	Yfiler™ PLUS								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
4P8BTU	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
63DF3V	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
6AGJWZ	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
6CJJQ6	Yfiler™ PLUS, PowerPlex® Y 23								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11	11	22	19	18	21	13	12
6GCNGN	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12

TABLE 3

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

## Item 2 - YSTR Results

6WKJUV	Yfiler™								
2	NA	13	13,14	14	30	24	9	11	13
	14	10	10	20	NA	16	18	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	12
6YNFDY	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
6YTQHH	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
74496H	Yfiler™ YFiler Plus								
2	NR	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
7P49EA	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
7QDDR	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
7W4QTL	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
7WLYK2	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
7WZ4ET	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
7ZKAF2	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
8A27A8	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12

TABLE 3

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

## Item 2 - YSTR Results

8EXVQE	Yfiler™ Plus Amplification Kit								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
8R4UNR	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
8XN7ED	Yfiler™ Plus PCR Amplification Kit								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
8XTFMR	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
96NZTR	Yfiler™								
2	NA	13	13,14	14	30	24	9	11	13
	14	10	10	20	NA	16	18	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	12
96PTRY	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
98CCTW	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
9JL3GQ	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
9KZEBP	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
9LVUML	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
9M4AUR	Yfiler™								
2	NA	13	13,14	14	30	24	9	11	13
	14	10	10	20	NA	16	18	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	12

TABLE 3

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

Item 2 - YSTR Results

9PRLTX	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
9PVWXG	-----								
2	-----	-----	-----	-----	-----	-----	-----	-----	-----
	-----	-----	-----	-----	-----	-----	-----	-----	-----
	-----	-----	-----	-----	-----	-----	-----	-----	-----
9Q8VTQ	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
9ZA3L6	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
A68W8C	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
AB9FXN	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
ABA9VW	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
AEAQW	PowerPlex® Y Y23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
AGD6PU	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
AGW3RU	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
AGZDWD	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12

TABLE 3

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

## Item 2 - YSTR Results

ANG498	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11	NT	22	19	18	21	NT	12
ATFG7H	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
BAC3CG	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
BDBD9G	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
BE9QTN	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
BFZZMQ	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
BGPBDJ	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
BLLVJN	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
BM6MPR	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
BQ3ZFX	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
BVUAQV	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12

TABLE 3

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

## Item 2 - YSTR Results

BWPUNG	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20	16	18			27
		11	11	22	19	21	13		12
C2RJ7M	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
C3B7ZN	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
CFC23X	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
CFXFMU	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
CJCA6M	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
CJV44	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
CLZL4R	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
CMD9NR	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
CPLBN6	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
CRFZ8Q	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12

TABLE 3

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

## Item 2 - YSTR Results

CUZYAM	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
CWPDPP	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
D36CJ3	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
D4LH8R	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
D69CD8	Yfiler™ Plus PCR Amplification kit								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
D7KR89	Yfiler™ Plus PCR Amplification Kit								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
D8Y8PF	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
DBZHC4	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
DCU49F	Yfiler™, Fusion 5C								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
DDM2D2	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
DLZ4LM	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12

TABLE 3

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

## Item 2 - YSTR Results

E6QGTK	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
E7HF8J	Yfiler™								
2	NA	13	13,14	14	30	24	9	11	13
	14	10	10	20	NA	16	18	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	12
E7NQXN	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
E9RLGQ	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
EEYRJP	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
ER4BUN	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
ERHNAL	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
EVZVNM	Yfiler™								
2	NA	13	13,14	14	30	24	9	11	13
	14	10	10	20	NA	16	18	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	12
F6MCQL	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
F74AHL	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
FJF4CH	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12



TABLE 3

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

## Item 2 - YSTR Results

FN2NND	PowerPlex® Y 23									
	2		13	13,14	14	30	24	9	11	13
		14	10	10	20	16	18			27
			11	11	22	19	21	13		12
FPTNLP	Yfiler™									
	2		13	13,14	14	30	24	9	11	13
		14	10	10	20	16	18			27
							21			12
FYGJVQ	Yfiler™ Plus									
	2	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
		43	11		22	19	18	21		12
G89BTH	Yfiler™									
	2		13	13,14	14	30	24	9	11	13
		14	10	10	20	16	18			27
							21			12
G9MNL	Yfiler™ Plus									
	2	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
		43	11		22	19	18	21		12
GB8LPH	Yfiler™									
	2		13	13,14	14	30	24	9	11	13
		14	10	10	20	16	18			27
							21			12
GPNQNY	PowerPlex® Y 23									
	2		13	13,14	14	30	24	9	11	13
		14	10	10	20	16	18			27
			11	11	22	19	21	13		12
GTMZZL	Yfiler™									
	2		13	13,14	14	30	24	9	11	13
		14	10	10	20	16	18			27
							21			12
H4LYHJ	Yfiler™ Plus									
	2	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
		43	11		22	19	18	21		12
H6V3YN	PowerPlex® Y Y23									
	2		13	13,14	14	30	24	9	11	13
		14	10	10	20	16	18			27
			11	11	22	19	21	13		12
HAP6YH	Yfiler™ Plus									
	2	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
		43	11		22	19	18	21		12

TABLE 3

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

Item 2 - YSTR Results

HB224M	Yfiler™									
	2	13	13,14	14	30	24	9	11	13	
	14	10	10	20	16	18	21	12		
HDR7XJ	Yfiler™ Plus									
	2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27	
43	11		22	19	18	21		12		
HE23EG	Yfiler™									
	2	13	13,14	14	30	24	9	11	13	
	14	10	10	20	16	18	21	12		
HE28PJ	Yfiler™									
	2	13	13,14	14	30	24	9	11	13	
	14	10	10	20	16	18	21	12		
HHLVQK	Yfiler™									
	2	13	13,14	14	30	24	9	11	13	
	14	10	10	20	16	18	21	12		
HJ2ZEA	PowerPlex® Y 23									
	2	13	13,14	14	30	24	9	11	13	
	14	10	10	20	16	18	27			
11	11	22	19	21	13	12				
HW8FXK	Yfiler™ Plus									
	2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27	
43	11		22	19	18	21		12		
HXEKPM	PowerPlex® Y 23									
	2	13	13,14	14	30	24	9	11	13	
	14	10	10	20	16	18	27			
11	11	22	19	21	13	12				
HY8F4J	PowerPlex® Y 23									
	2	13	13,14	14	30	24	9	11	13	
	14	10	10	20	16	18	27			
11	11	22	19	21	13	12				
J9DP6G	Yfiler™ Plus									
	2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27	
43	11		22	19	18	21		12		
JFC6ZF	Yfiler™									
	2	13	13,14	14	30	24	9	11	13	
	14	10	10	20	16	18	21	12		

TABLE 3

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

Item 2 - YSTR Results

JHECWD	Yfiler™								
2	NA	13	13,14	14	30	24	9	11	13
	14	10	10	20	NA	16	18	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	12
JJCL2G	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
JPWHTK	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
JPZ9WM	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
JT388E	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
JYC2N7	Yfiler™ Plus								
2	NR	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
K68J3F	Yfiler™								
2	NA	13	13,14	14	30	24	9	11	13
	14	10	10	20	NA	16	18	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	12
KMBWWG	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
KMK882	Yfiler™ Plus PCR Amplification Kit								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
KY6DLH	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
KZBYYW	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12

TABLE 3

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

## Item 2 - YSTR Results

L7VGUJ	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
L9J4BD	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
LAB69N	Yfiler™ PLUS 27								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
LC2BNE	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
LQ6DMF	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
LRFF9E	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
LTVLLJ	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
LUHGXQ	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
M4A6GY	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
M7U4LG	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
M8K3ZF	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12

TABLE 3

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

## Item 2 - YSTR Results

MDRNTJ	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
MT66VE	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
							21		12
MT6ZKC	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
							21		12
N4FU9A	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
N7N66D	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
							21		12
N8679F	Yfiler™ Plus, PowerPlex® Y 23								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11	11	22	19	18	21	13	12
NEZ9AR									
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
NFKLBB	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
NK67EP	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
NXDXBV	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
NYL6JQ	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12

TABLE 3

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

Item 2 - YSTR Results

NZGHDB	PowerPlex® Y 23									
	2		13	13,14	14	30	24	9	11	13
		14	10	10	20	16	18			27
		11	11	22	19		21	13		12
P6CK2B	Yfiler™									
	2		13	13,14	14	30	24	9	11	13
		14	10	10	20	16	18			27
							21			12
P6CPBD	Yfiler™									
	2		13	13,14	14	30	24	9	11	13
		14	10	10	20	16	18			27
							21			12
P8Z2BH	PowerPlex® Y 23									
	2		13	13,14	14	30	24	9	11	13
		14	10	10	20	16	18			27
		11	11	22	19		21	13		12
PG4FRB	Yfiler™									
	2	NA	13	13,14	14	30	24	9	11	13
		14	10	10	20	NA	16	18	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	NA	12
PG69PH	PowerPlex® Y 23									
	2		13	13,14	14	30	24	9	11	13
		14	10	10	20	16	18			27
		11	11	22	19		21	13		12
PHVE79	Yfiler™									
	2		13	13,14	14	30	24	9	11	13
		14	10	10	20	16	18			27
							21			12
PK2ZXF	PowerPlex® Y 23									
	2		13	13,14	14	30	24	9	11	13
		14	10	10	20	16	18			27
		11	11	22	19		21	13		12
PTH73Y	PowerPlex® Y 23									
	2		13	13,14	14	30	24	9	11	13
		14	10	10	20	16	18			27
		11	11	22	19		21	13		12
PXWUPG	Yfiler™ Plus									
	2	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21			12
QCN3T9	Yfiler™									
	2		13	13,14	14	30	24	9	11	13
		14	10	10	20	16	18			27
							21			12

TABLE 3

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

## Item 2 - YSTR Results

QCN84B	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
QDL9E9	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
QEV37	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
QHBXQ7	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
QQT33C	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
QUP6BD	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
QX8CNE	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
R9KWK	Yfiler™ PLUS								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
RCZB9M	Yfiler™ Plus PCR Amplification kit								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
RPGV9B	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
RUJZP9	Yfiler™								
2	NA	13	13,14	14	30	24	9	11	13
	14	10	10	20	NA	16	18	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	12

TABLE 3

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

Item 2 - YSTR Results

RXRCHW	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
T2MC9D	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
T3TYHB	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
T7B7VC	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
TCZMKA	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
TFNYKF	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
TGGV99	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
TLPALD	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
TPQJM8	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
TQXV64	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
TRGHZ7	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12



TABLE 3

WebCode	Amplification Kit									
	Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
		DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
		DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
<b>Item 2 - YSTR Results</b>										
TT46FL	PowerPlex® Y 23									
2		13	13,14	14	30	24	9	11	13	
	14	10	10	20	16	18	27			
		11	11	22	19	21	13	12		
TVTP37	Yfiler™									
2		13	13,14	14	30	24	9	11	13	
	14	10	10	20	16	18	27			
						21	12			
U6ATNA	Yfiler™									
2		13	13,14	14	30	24	9	11	13	
	14	10	10	20	16	18	27			
						21	12			
UME3U2	Yfiler™ Plus									
2	36,37	13	13,14	14	30	24	9	11	13	
	14	10	10	20	31	16	18	12	27	
	43	11		22	19	18	21		12	
UXVZKR	Yfiler™ Plus									
2	36,37	13	13,14	14	30	24	9	11	13	
	14	10	10	20	31	16	18	12	27	
	43	11		22	19	18	21		12	
UY9CGB	Yfiler™ Plus									
2	inconclusiv e	13	13,14	14	30	24	9	11	13	
	14	10	10	20	31	16	18	12	27	
	43	11		22	19	18	21		12	
VCC3U3	Yfiler™									
2		13	13,14	14	30	24	9	11	13	
	14	10	10	20	16	18				
						21	12			
VL6GR8	Yfiler™ Plus									
2	36,37	13	13,14	14	30	24	9	11	13	
	14	10	10	20	31	16	18	12	27	
	43	11		22	19	18	21		12	
VTGQNE	Yfiler™ Plus									
2	26,37	13	13,14	14	30	24	9	11	13	
	14	10	10	20	31	16	18	12	27	
	43	11		22	19	18	21		12	
W3DG3	Yfiler™									
2		13	13,14	14	30	24	9	11	13	
	14	10	10	20	16	18				
						21	12			
W29BY8	Yfiler™ Plus									
2	36,37	13	13,14	14	30	24	9	11	13	
	14	10	10	20	31	16	18	12	27	
	43	11		22	19	18	21		12	

TABLE 3

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

## Item 2 - YSTR Results

W8C7N9	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
WEWAQA	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
WM8Q6W	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
WPRJZC	PowerPlex® Y 23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
WVY493	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
WZT8R9	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
X32HNC	Yfiler™ Plus								
2	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
X64FY6	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
X6Z36G	PowerPlex® Y Y23								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
X93V68	Yfiler™								
2		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
XPQAJY	Yfiler™								
2	NA	13	13,14	14	30	24	9	11	13
	14	10	10	20	NA	16	18	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	12

TABLE 3

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

## Item 2 - YSTR Results

XREKH6	Yfiler™ Plus									
	2	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
		43	11		22	19	18	21		12
XRHWMN	PowerPlex® Y 23									
	2		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		27
			11	11	22	19		21	13	12
XWACNF	Yfiler™									
	2		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		
								21		12
YGTUFD	Yfiler™									
	2		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		
								21		12
YM4QCZ	Yfiler™ Plus									
	2	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
		43	11		22	19	18	21		12
YNB6P8	PowerPlex® Y 23									
	2		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		27
			11	11	22	19		21	13	12
YP8LV3	Yfiler™ Plus									
	2	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
		43	11		22	19	18	21		12
YRT8R7	Yfiler™									
	2		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		
								21		12
Z7RLEL	Yfiler™ Plus									
	2	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
		43	11		22	19	18	21		12
ZFLHN4	Yfiler™ Plus									
	2	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
		43	11		22	19	18	21		12
ZTWQMK	Yfiler™ Plus									
	2	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
		42,43	11		22	19	18	21		12

TABLE 3

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

Item 3 - YSTR Results

6WKJUV									
3	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
7P49EA	PowerPlex® Y 23								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
96NZTR									
3	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
9M4AUR									
3	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
ABA9VW	PowerPlex® Y 23								
3									
DCU49F	Yfiler™, Fusion 5C								
3		NR	NR,NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		
							NR		NR
E6QGTK	Yfiler™								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
E7HF8J									
3	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
EVZVNM									
3	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
GPNQNY	PowerPlex® Y 23								
3									
JHECWD									
3	NA	NA	NA	NA	NA	NA	NA	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 3 - YSTR Results

K68J3F									
3	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
P6CK2B	Yfiler™								
3									
PG4FRB									
3	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
RUJZP9									
3	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
T2MC9D	PowerPlex® Y 23								
3									
TT46FL	PowerPlex® Y 23								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
W8C7N9	Yfiler™								
3	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	
XPQAJY									
3	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
ZTWQMK	Yfiler™ Plus								
3									

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 4 - YSTR Results

22ATU7	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20	16	18			
		11	11	22	19	21	13	12	
23ANJ4	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
24YBW	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
2A7K3Z	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
2JXUV4	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20	16	18			
		11	11	22	19	21	13	12	
2KZ734	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
2W3833	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
32MJGV	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
3CP4G3	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
3HDM27	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
		11	11	22	19	21	13	12	
3LB9N3	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12

TABLE 3

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

Item 4 - YSTR Results

3PAJK3	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
3U9ZWW	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
3UATU4	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
474BFP	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
4FJHEC	Yfiler™ PLUS								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
4P8BTU	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
63DF3V	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
6AGJWZ	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
6CJJQ6	Yfiler™ PLUS, PowerPlex® Y 23								
4	36,27	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11	11	22	19	18	21	13	12
6GCNGN	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
6WKJUV	Yfiler™								
4	NA	13	13,14	14	30	24	9	11	13
	14	10	10	20	NA	16	18	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	12

TABLE 3

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

## Item 4 - YSTR Results

6YNFDY	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
6YTQHH	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
74496H	Yfiler™ YFiler Plus								
4	NR	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
7P49EA	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
7QDDR	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
7W4QTL	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
7WLYK2	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
7WZ4ET	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
7ZKAF2	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
8A27A8	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
8EXVQE	Yfiler™ Plus Amplification Kit								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12



TABLE 3

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

## Item 4 - YSTR Results

8R4UNR	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
8XN7ED	Yfiler™ Plus PCR Amplification Kit								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
8XTFMR	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
96NZTR	Yfiler™								
4	NA	13	13,14	14	30	24	9	11	13
	14	10	10	20	NA	16	18	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	12
96PTRY	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
98CCTW	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
9JL3GQ	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
9KZEBP	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
9LVUML	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
9M4AUR	Yfiler™								
4	NA	13	13,14	14	30	24	9	11	13
	14	10	10	20	NA	16	18	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	12
9PRLTX	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12

TABLE 3

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

Item 4 - YSTR Results

9Q8VTQ	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
A68W8C									
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
ABA9VW	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
AEAQW	PowerPlex® Y Y23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
AGD6PU	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
AGW3RU	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
AGZDWD	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
ANG498	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11	NT	22	19	18	21	NT	12
ATFG7H									
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
BAC3CG	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
BCL8RQ	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12

TABLE 3

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

## Item 4 - YSTR Results

BDBD9G	Yfiler™									
	4	13	13,14	14	30	24	9	11	13	
	14	10	10	20	16	18	21	12		
BE9QTN	Yfiler™ Plus									
	4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27	
43	11		22	19	18	21		12		
BFZZMQ	Yfiler™									
	4	13	13,14	14	30	24	9	11	13	
	14	10	10	20	16	18	21	12		
BGPBDJ	Yfiler™ Plus									
	4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27	
43	11		22	19	18	21		12		
BLLVJN	Yfiler™									
	4	13	13,14	14	30	24	9	11	13	
	14	10	10	20	16	18	21	12		
BM6MPR	Yfiler™ Plus									
	4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27	
43	11		22	19	18	21		12		
BQ3ZFX	PowerPlex® Y 23									
	4	13	13,14	14	30	24	9	11	13	
	14	10	10	20	16	18	27			
	11	11	22	19	21	13	12			
BVUAQV	Yfiler™									
	4	13	13,14	14	30	24	9	11	13	
	14	10	10	20	16	18	27			
	11	11	22	19	21	13	12			
BWPUNG	PowerPlex® Y 23									
	4	13	13,14	14	30	24	9	11	13	
	14	10	10	20	16	18	27			
	11	11	22	19	21	13	12			
C2RJ7M	Yfiler™ Plus									
	4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27	
43	11		22	19	18	21		12		
C3B7ZN	Yfiler™ Plus									
	4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27	
43	11		22	19	18	21		12		

TABLE 3

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

## Item 4 - YSTR Results

CFC23X	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
CFXFMU	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
CJCA6M	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		12
							21		
CJV44	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
CLZL4R	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		12
							21		
CMD9NR	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
CPLBN6	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		12
							21		
CRFZ8Q	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
CUZYAM	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		12
							21		
CWPDPP	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
D4LH8R	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12

TABLE 3

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

Item 4 - YSTR Results

D69CD8	Yfiler™ Plus PCR Amplification kit								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
D7KR89	Yfiler™ Plus PCR Amplification Kit								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
D8Y8PF	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
DBZHC4	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
DCU49F	Yfiler™, Fusion 5C								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
DDM2D2	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
DLZ4LM	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
E6QGTK	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
E7HF8J	Yfiler™								
4	NA	13	13,14	14	30	24	9	11	13
	14	10	10	20	NA	16	18	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	12
E7NQXN	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
E9RLGQ	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12

TABLE 3

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

## Item 4 - YSTR Results

EEYRJP	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
ER4BUN	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
ERHNAL	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
EVZVNM	Yfiler™								
4	NA	13	13,14	14	30	24	9	11	13
	14	10	10	20	NA	16	18	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	12
F6MCQL	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
F74AHL	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
FJF4CH	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
FN2NND	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
FPTNLP	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
FYGJVQ	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
G89BTH	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12

TABLE 3

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

Item 4 - YSTR Results

G9MNL	Yfiler™ Plus									
	4	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
		43	11		22	19	18	21		12
GB8LPH	Yfiler™									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		
								21		12
GPNQNY	PowerPlex® Y 23									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		27
			11	11	22	19		21	13	12
GTMZZL	Yfiler™									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		
								21		12
H4LYHJ	Yfiler™ Plus									
	4	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
		43	11		22	19	18	21		12
H6V3YN	PowerPlex® Y Y23									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		27
			11	11	22	19		21	13	12
H783VH	Yfiler™ Plus									
	4	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
		43	11		22	19	18	21		12
HAP6YH	Yfiler™ Plus									
	4	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
		43	11		22	19	18	21		12
HB224M	Yfiler™									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		
								21		12
HDR7XJ	Yfiler™ Plus									
	4	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
		43	11		22	19	18	21		12
HE23EG	Yfiler™									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		
								21		12

TABLE 3

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

Item 4 - YSTR Results

HE28PJ	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
HHLVQK	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
HJ2ZEA	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
HW8FXK	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
HXEKPM	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
HY8F4J	Yfiler™ Plus								
4		13	13,[14]	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
J9DP6G	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
JFC6ZF	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
JHECWD	Yfiler™								
4	NA	13	13,14	14	30	24	9	11	13
	14	10	10	20	NA	16	18	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	12
JJCL2G	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
JPWHTK	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12



TABLE 3

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

Item 4 - YSTR Results

JPZ9WM	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
JT388E	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
JYC2N7	Yfiler™ Plus								
4	NR	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
K68J3F	Yfiler™								
4	NA	13	13,14	14	30	24	9	11	13
	14	10	10	20	NA	16	18	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	12
K8CACG	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
KMBWWG	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
KMK882	Yfiler™ Plus PCR Amplification Kit								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
KY6DLH	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
KZBYYW	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
L7VGUJ	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
L9J4BD	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12

TABLE 3

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

Item 4 - YSTR Results

LAB69N	Yfiler™ PLUS 27								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
LC2BNE	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
LQ6DMF	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
LRFF9E	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
LTPGZE	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
LTVLLJ	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
LUHGXQ	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
M4A6GY	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
M7U4LG	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
M8K3ZF	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
MDRNTJ	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12

TABLE 3

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

## Item 4 - YSTR Results

MT66VE	Yfiler™									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		12
							21			
MT6ZKC	Yfiler™									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		12
							21			
N4FU9A	Yfiler™ Plus									
	4	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21			12
N7N66D	Yfiler™									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		12
							21			
N8679F	Yfiler™ Plus, PowerPlex® Y 23									
	4	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
	43	11	11	22	19	18	21	13		12
NEZ9AR	Yfiler™ Plus									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		27
		11	11	22	19		21	13		12
NFKLBB	Yfiler™ Plus									
	4	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21			12
NK67EP	Yfiler™ Plus									
	4	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21			12
NXDXBV	PowerPlex® Y 23									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		27
		11	11	22	19		21	13		12
NYL6JQ	PowerPlex® Y 23									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		27
		11	11	22	19		21	13		12
NZGHDB	PowerPlex® Y 23									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		27
		11	11	22	19		21	13		12

TABLE 3

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

## Item 4 - YSTR Results

NZH9LD	Yfiler™ Plus									
	4	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21			12
P6CK2B	Yfiler™									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		27
							21			12
P6CPBD	Yfiler™									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		27
							21			12
P8Z2BH	PowerPlex® Y 23									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		27
		11	11	22	19		21	13		12
PG4FRB	Yfiler™									
	4	NA	13	13,14	14	30	24	9	11	13
		14	10	10	20	NA	16	18	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	NA	12
PG69PH	PowerPlex® Y 23									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		27
		11	11	22	19		21	13		12
PHVE79	Yfiler™									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		27
							21			12
PK2ZXF	PowerPlex® Y 23									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		27
		11	11	22	19		21	13		12
PTH73Y	PowerPlex® Y 23									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		27
		11	11	22	19		21	13		12
PXWUPG	Yfiler™ Plus									
	4	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21			12
QCN3T9	Yfiler™									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		27
							21			12

TABLE 3

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

## Item 4 - YSTR Results

QCN84B	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
QDL9E9	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
QEV37	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
QHBXQ7	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
QQT33C	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
QUP6BD	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
QX8CNE	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
R9KWK	Yfiler™ PLUS								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
RCZB9M	Yfiler™ Plus PCR Amplification kit								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
RPGV9B	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
RUJZP9	Yfiler™								
4	NA	13	13,14	14	30	24	9	11	13
	14	10	10	20	NA	16	18	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	12

TABLE 3

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

## Item 4 - YSTR Results

RXRCHW	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
T2MC9D	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
T3TYHB	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
T7B7VC	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
TCZMKA	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
TFNYKF	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
TGGV99	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
TJ2XM9	Yfiler™ plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
TLPALD	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
TPQJM8	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
TQXV64	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12

TABLE 3

WebCode	Amplification Kit									
Item	DYF38751	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4	
<b>Item 4 - YSTR Results</b>										
TRGHZ7	Yfiler™ Plus									
4	36,37	13	13,14	14	30	24	9	11	13	
	14	10	10	20	31	16	18	12	27	
	43	11		22	19	18	21		12	
TT46FL	PowerPlex® Y 23									
4		13	13,14	14	30	24	9	11	13	
	14	10	10	20		16	18		27	
		11	11	22	19		21	13	12	
TVTP37	Yfiler™									
4		13	13,14	14	30	24	9	11	13	
	14	10	10	20		16	18			
							21		12	
U6ATNA	Yfiler™									
4		13	13,14	14	30	24	9	11	13	
	14	10	10	20		16	18			
							21		12	
UME3U2	Yfiler™ Plus									
4	36,37	13	13,14	14	30	24	9	11	13	
	14	10	10	20	31	16	18	12	27	
	43	11		22	19	18	21		12	
UXVZKR	Yfiler™ Plus									
4	36,37	13	13,14	14	30	24	9	11	13	
	14	10	10	20	31	16	18	12	27	
	43	11		22	19	18	21		12	
UY9CGB	Yfiler™ Plus									
4	inconclusive	13	13,14	14	30	24	9	11	13	
	14	10	10	20	31	16	18	12	27	
	43	11		22	19	18	21		12	
VCC3U3	Yfiler™ Plus									
4		13	13,14	14	30	24	9	11	13	
	14	10	10	20		16	18			
							21		12	
VL6GR8	Yfiler™ Plus									
4	36,37	13	13,14	14	30	24	9	11	13	
	14	10	10	20	31	16	18	12	27	
	43	11		22	19	18	21		12	
VTGQNE	Yfiler™ Plus									
4	26,37	13	13,14	14	30	24	9	11	13	
	14	10	10	20	31	16	18	12	27	
	43	11		22	19	18	21		12	
WV3DG3	Yfiler™									
4		13	13,14	14	30	24	9	11	13	
	14	10	10	20		16	18			
							21		12	

TABLE 3

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

Item 4 - YSTR Results

W29BY8	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
W8C7N9	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
WEWAQA	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
WM8Q6W	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
WPRJZC	PowerPlex® Y 23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
WY493	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
WZT8R9	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
X32HNC	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21		12
X64FY6	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12
X6Z36G	PowerPlex® Y Y23								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12
X93V68	Yfiler™								
4		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		
							21		12



TABLE 3

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

## Item 4 - YSTR Results

XPQAJY	Yfiler™									
	4	NA	13	13,14	14	30	24	9	11	13
		14	10	10	20	NA	16	18	NA	NA
	NA	NA	NA	NA	NA	NA	NA	21	NA	12
XREKH6	Yfiler™ Plus									
	4	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21			12
XRHWMN	PowerPlex® Y 23									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		27
		11	11	22	19		21	13		12
XWACNF	Yfiler™									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		
							21			12
YGTUFD	Yfiler™									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		
							21			12
YM4QCZ	Yfiler™ Plus									
	4	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21			12
YNB6P8	PowerPlex® Y 23									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		27
		11	11	22	19		21	13		12
YP8LV3	Yfiler™ Plus									
	4	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21			12
YRT8R7	Yfiler™									
	4		13	13,14	14	30	24	9	11	13
		14	10	10	20		16	18		
							21			12
Z7RLEL	Yfiler™ Plus									
	4	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21			12
ZFLHN4	Yfiler™ Plus									
	4	36,37	13	13,14	14	30	24	9	11	13
		14	10	10	20	31	16	18	12	27
	43	11		22	19	18	21			12

TABLE 3

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

Item 4 - YSTR Results

ZTWQMK	Yfiler™ Plus								
4	36,37	13	13,14	14	30	24	9	11	13
	14	10	10	20	31	16	18	12	27
	42,43	11		22	19	18	21		12

TABLE 3

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

Item 4e - YSTR Results

D36CJ3	PowerPlex® Y 23								
4e		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12

TABLE 3

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

Item 4sp - YSTR Results

D36CJ3	PowerPlex® Y 23								
4sp		13	13,14	14	30	24	9	11	13
	14	10	10	20		16	18		27
		11	11	22	19		21	13	12

## 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.

<b>Locus</b>	<b>WebCode</b>	<b>Item 1</b>	<b>Item 2</b>	<b>Item 3</b>	<b>Item 4</b>
F13A	6CJQ6	3,2,5	5,7	3,2,5	5,7
F13A01	N8679F	3,2,5	5,7	3,2,5	5,7
F13B	6CJQ6	6,8	6,10	6,8	6,10
	N8679F	6,8	6,10	6,8	6,10
FES	6CJQ6	11,12	11,12	11,12	11,12
FESFPS	N8679F	11,12	11,12	11,12	11,12
LPL	6CJQ6	10,12	12	10,12	12
	N8679F	10,12	12	10,12	12
PENTA C	6CJQ6	9,12	9,11	9,12	9,11
	N8679F	9,12	9,11	9,12	9,11
QS1	463Q22	Q	Q	Q	Q
	9MAEFW	Q	Q	Q	Q
QS2	463Q22	S	S	S	S
	9MAEFW	S	S	S	S

# Mitochondrial DNA - HVRI Results

## TABLE 5a - ITEM 1

Polymorphisms from Reference Sequence

	16083.0	16111.0	16223.0	16256.0	16290.0	16319.0	16362.0
<b>ITEM 1</b>							
3U9ZWW	T	T	T	T	T	A	C
48BNQB	T	T	T	T	T	A	C
6CJJQ6	T	T	T	T	T	A	C
6FZWML	T	T	T	T	T	A	C
6K9EMZ	T	T	T	T	T	A	C
7RNH6M	T	T	T	T	T	A	C
8EXVQE	T	T	T	T	T	A	C
8XN7ED	T	T	T	T	T	A	C
B9V7KH	T	T	T	T	T	A	C
BE9QTN	T	T	T	T	T	A	C
BV68G	T	T	T	T	T	A	C
D36CJ3	T	T	T	T	T	A	C
D69CD8	T	T	T	T	T	A	C
D7KR89	T	T	T	T	T	A	C
DCU49F	T	T	T	T	T	A	C
EEE8FD	T	T	T	T	T	A	C
F9H32Y	T	T	T	T	T	A	C
FEXH3C	T	T	T	T	T	A	C
GGRRDC	T	T	T	T	T	A	C
KMK882	T	T	T	T	T	A	C
KMQFKU	T	T	T	T	T	A	C
LAB69N	T	T	T	T	T	A	C
NXT7E6	T	T	T	T	T	A	C
NZGHDB	T	T	T	T	T	A	C
PHVE79	T	T	T	T	T	A	C
R4PAML	T	T	T	T	T	A	
R7DEMK	T	T	T	T	T	A	C
RCZB9M	T	T	T	T	T	A	C
RXRCHW	T	T	T	T	T	A	C
TKQ63Y	T	T	T	T	T	A	C
W8C7N9	T	T	T	T	T	A	C
WPRJZC	T	T	T	T	T	A	C
X2ZLYE	T	T	T	T	T	A	C
YNCY7R	T	T	T	T	T	A	C
ZTWQMK	T	T	T	T	T	A	C

TABLE 5a - ITEM 2

Polymorphisms from Reference Sequence

	16111.0	16223.0	16290.0	16319.0	16362.0
<b>ITEM 2</b>					
3U9ZWW	T	T	T	A	C
48BNQB	T	T	T	A	C
6CJJQ6	T	T	T	A	C
6FZWML	T	T	T	A	C
6K9EMZ	T	T	T	A	C
7RNH6M	T	T	T	A	C
8EXVQE	T	T	T	A	C
8XN7ED	T	T	T	A	C
B9V7KH	T	T	T	A	C
BE9QTN	T	T	T	A	C
BV68G	T	T	T	A	C
D36CJ3	T	T	T	A	C
D69CD8	T	T	T	A	C
D7KR89	T	T	T	A	C
DCU49F	T	T	T	A	C
EEE8FD	T	T	T	A	C
F9H32Y	T	T	T	A	C
FEXH3C	T	T	T	A	C
GGRRDC	T	T	T	A	C
KMK882	T	T	T	A	C
KMQFKU	T	T	T	A	C
LAB69N	T	T	T	A	C
NXT7E6	T	T	T	A	C
NZGHDB	T	T	T	A	C
PHVE79	T	T	T	A	C
R4PAML	T	T	T	A	C
R7DEMK	T	T	T	A	C
RCZB9M	T	T	T	A	C
RXRCHW	T	T	T	A	C
TKQ63Y	T	T	T	A	C
W8C7N9	T	T	T	A	C
WPRJZC	T	T	T	A	C
X2ZLYE	T	T	T	A	C
YNCY7R	T	T	T	A	C
ZTWQMK	T	T	T	A	C

TABLE 5a - ITEM 3

Polymorphisms from Reference Sequence

	16083.0	16111.0	16223.0	16256.0	16290.0	16319.0	16362.0
<b>ITEM 3</b>							
3U9ZWW	T	T	T	T	T	A	C
6CJJQ6	T	T	T	T	T	A	C
6FZWML	T	T	T	T	T	A	C
6K9EMZ	T	T	T	T	T	A	C
7RNH6M	T	T	T	T	T	A	C
B9V7KH	T	T	T	T	T	A	C
BE9QTN	T	T	T	T	T	A	C
BV68G	T	T	T	T	T	A	C
D36CJ3	T	T	T	T	T	A	C
DCU49F	T	T	T	T	T	A	C
EEE8FD	T	T	T	T	T	A	C
FEXH3C	T	T	T	T	T	A	C
GGRRDC	T	T	T	T	T	A	C
NXT7E6	T	T	T	T	T	A	C
NZGHDB	T	T	T	T	T	A	C
PHVE79	T	T	T	T	T	A	C
R4PAML	T	T	T	T	T	A	
R7DEMK	T	T	T	T	T	A	C
RXRCHW	T	T	T	T	T	A	C
TKQ63Y	T	T	T	T	T	A	C
W8C7N9	T	T	T	T	T	A	C
WPRJZC	T	T	T	T	T	A	C
X2ZLYE	T	T	T	T	T	A	C
YNCY7R	T	T	T	T	T	A	C
ZTWQMK	T	T	T	T	T	A	C



TABLE 5a - ITEM 4

Polymorphisms from Reference Sequence

	16111.0	16223.0	16290.0	16319.0	16329.0	16362.0
<b>ITEM 4</b>						
3U9ZWW	T	T	T	A		C
6CJJQ6	T	T	T	A		C
6FZWML	T	T	T	A		C
6K9EMZ	T	T	T	A		C
7RNH6M	T	T	T	A		C
B9V7KH	T	T	T	A		C
BE9QTN	T	T	T	A		C
BV68G	T	T	T	A		C
D36CJ3	T	T	T	A		C
DCU49F	T	T	T	A		C
EEE8FD	T	T	T	A		C
FEXH3C	T	T	T		A	C
GGRRDC	T	T	T	A		C
NXT7E6	T	T	T	A		C
NZGHDB	T	T	T	A		C
PHVE79	T	T	T	A		C
R4PAML	T	T	T	A		C
R7DEMK	T	T	T	A		C
RXRCHW	T	T	T	A		C
TKQ63Y	T	T	T	A		C
W8C7N9	T	T	T	A		C
WPRJZC	T	T	T	A		C
X2ZLYE	T	T	T	A		C
YNCY7R	T	T	T	A		C
ZTWQMK	T	T	T	A		C

# Mitochondrial DNA - HVRI Results

TABLE 5b

**Bases Sequenced: HVR I**

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
3U9ZWW	16019-16374	16019-16374	16019-16374	16019-16374
48BNQB	15998-16400	15998-16400		
6CJJQ6	16024-16569	16024-16569	16024-16569	16024-16569
6FZWML	16024-16569	16024-16569	16024-16569	16024-16569
6K9EMZ	16024-16569	16024-16569	16024-16569	16024-16569
7RNH6M	16024-16569	16024-16569	16024-16391	16024-16391
8EXVQE	16024-16365	16024-16365		
8XN7ED	16024-16365	16024-16365		
B9V7KH	16024-16569	16024-16569	16024-16569	16024-16569
BE9QTN	16019-16374	16019-16374	16019-16374	16019-16374
BVV68G	16024-16535	16024-16529	16024-16545	16024-16545
D36CJ3	16024-16365	16024-16365	16024-16365	16024-16365
D69CD8	16024-16365	16024-16365		
D7KR89	16024-16365	16024-16365		
DCU49F	16024-16569	16024-16569	16024-16569	16024-16569
EEE8FD	16024-16569	16024-16569	16024-16391	16024-16391
F9H32Y	15998-16400	15998-16400		
FEXH3C	16024-16385	16024-16396	16024-16396	16024-16395
GGRRDC	16024-16391	16024-16391	16024-16391	16024-16391
KMK882	16024-16365	16024-16365		
KMQFKU	15998-16400	15998-16400		
LAB69N	1-576	1-576		
NXT7E6	16024-16569	16024-16569	16024-16569	16024-16569
NZGHDB	16025-16365	16025-16365	16025-16365	16025-16365
PHVE79	16024-16365	16024-16365	16024-16365	16024-16365
R4PAML	15995- 16339	16005- 16397	15989- 16340	16005- 16397
R7DEMK	15998-16569	15998-16569	15998-16386	15998-16387
RCZB9M	16024-16365	16024-16365		
RXRCHW	16024-16365	16024-16365	16024-16365	16024-16365
TKQ63Y	16024-16569	16024-16569	16024-16391	16024-16391
W8C7N9	16024-16365	16024-16365	16024-16365	16024-16365
WPRJZC	16000-16390	16000-16390	16000-16390	16000-16390
X2ZLYE	15998-16569	15998-16569	16001-16387	16001-16387
YNCY7R	16024-16569	16024-16569	16024-16391	16024-16391
ZTWQMK	15975-16570	15975-16570	15975-16570	15975-16570

# Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

	73.0	146.0	152.0	214.0	235.0	263.0	309.0	309.1	309.2	315.0	315.1	523.0	524.0
<b>ITEM 1</b>													
3U9ZWW	G	C	C	G	G	G		C	C		C		
48BNQB	G	C	C	G	G	G		C	C		C		
6CJJQ6	G	C	C	G	G	G		C	C		C	DEL	DEL
6FZWML	G	C	C	G	G	G		C INS	C INS		C INS	A DEL	C DEL
6K9EMZ	G	C	C	G	G	G		C			C	-	-
7RNH6M	G	C	C	G	G	G		C INS	C INS		C INS	A DEL	C DEL
8EXVQE	G	C	C	G	G	G		C			C		
8XN7ED	G	C	C	G	G	G		C			C		
B9V7KH	G	C	C	G	G	G		C Ins	C Ins		C Ins	A Del	C Del
BE9QTN	G	C	C	G	G	G		C	C		C		
BV68G	G	C	C	G	G	G		C INS	C INS		C INS		
D36CJ3	G	C	C	G	G	G	2C			1C			
D69CD8	G	C	C	G	G	G		C			C		
D7KR89	G	C	C	G	G	G		C			C		
DCU49F	G	C	C	G	G	G		C INS	C INS		C INS	A DEL	C DEL
EEE8FD	G	C	C	G	G	G		C INS	C INS		C INS	A DEL	C DEL
F9H32Y	G	C	C	G	G	G		C	C		C		
FEXH3C	G	C	C	G	G	G		C	C		C		
GGRDC	G	C	C	G	G	G		C INS	C INS		C INS		
KMK882	G	C	C	G	G	G		C			C		
KMQFKU	G	C	C	G	G	G		C	C		C		
LAB69N	G	C	C	G	G	G		C	C		C	DEL	DEL
NXT7E6	G	C	C	G	G	G		C INS	C INS		C INS		
NZGHDB	G	C	C	G	G	G		C	C		C		
PHVE79	G	C	C	G	G	G		C	C		C		
R4PAML	G	C	C	G	G	G		C			C		
R7DEMK	G	C	C	G	G	G		C	C		C	D	D
RCZB9M	G	C	C	G	G	G		C			C		
RXRCHW	G	C	C	G	G	G		C	C		C		
TKQ63Y	G	C	C	G	G	G		C Ins	C Ins		C Ins	A Del	C Del
W8C7N9	G	C	C	G	G	G	.1C			.1C			
WPRJZC	G	C	C	G	G	G		C	C		C		
X2ZLYE	G	C	C	G	G	G	.1C			.1C		D	D
YNCY7R	G	C	C	G	G	G		C INS	C INS		C INS	A DEL	C DEL
ZTWQMK	G	C	C	G	G	G		C	C		C		

## TABLE 6a - ITEM 2

## Polymorphisms from Reference Sequence

	73.0	146.0	153.0	235.0	263.0	309.0	309.1	315.0	315.1	523.0	524.0
<b>ITEM 2</b>											
3U9ZWW	G	C	G	G	G		C		C		
48BNQB	G	C	G	G	G		C		C		
6CJJQ6	G	C	G	G	G		C		C	DEL	DEL
6FZWML	G	C	G	G	G		C INS		C INS	A DEL	C DEL
6K9EMZ	G	C	G	G	G		C		C	-	-
7RNH6M	G	C	G	G	G		C INS		C INS	A DEL	C DEL
8EXVQE	G	C	G	G	G		C		C		
8XN7ED	G	C	G	G	G		C		C		
B9V7KH	G	C	G	G	G		C Ins		C Ins	A Del	C Del
BE9QTN	G	C	G	G	G		C		C		
BV68G	G	C	G	G	G		C INS		C INS		
D36CJ3	G	C	G	G	G	1C		1C			
D69CD8	G	C	G	G	G		C		C		
D7KR89	G	C	G	G	G		C		C		
DCU49F	G	C	G	G	G		C INS		C INS	A DEL	C DEL
EEE8FD	G	C	G	G	G		C INS		C INS	A DEL	C DEL
F9H32Y	G	C	G	G	G		C		C		
FEXH3C	G	C	G	G	G		C		C		
GGRRDC	G	C	G	G	G		C INS		C INS		
KMK882	G	C	G	G	G		C		C		
KMQFKU	G	C	G	G	G		C		C		
LAB69N	G	C	G	G	G		C		C	DEL	DEL
NXT7E6	G	C	G	G	G		C INS		C INS		
NZGHDB	G	C	G	G	G		C		C		
PHVE79	G	C	G	G	G		C		C		
R4PAML	G	C	G	G	G		C		C		
R7DEMK	G	C	G	G	G		C		C	D	D
RCZB9M	G	C	G	G	G		C		C		
RXRCHW	G	C	G	G	G		C		C		
TKQ63Y	G	C	G	G	G		C Ins		C Ins	A Del	C Del
W8C7N9	G	C	G	G	G	.1C		.1C			
WPRJZC	G	C	G	G	G		C		C		
X2ZLYE	G	C	G	G	G	.1C		.1C		D	D
YNCY7R	G	C	G	G	G		C INS		C INS	A DEL	C DEL
ZTWQMK	G	C	G	G	G		C		C		

## TABLE 6a - ITEM 3

## Polymorphisms from Reference Sequence

	73.0	146.0	152.0	214.0	235.0	263.0	309.0	309.1	309.2	315.0	315.1	523.0	524.0
<b>ITEM 3</b>													
3U9ZWW	G	C	C	G	G	G		C	C		C		
6CJJQ6	G	C	C	G	G	G		C	C		C	DEL	DEL
6FZWML	G	C	C	G	G	G		C INS	C INS		C INS	A DEL	C DEL
6K9EMZ	G	C	C	G	G	G		C			C	-	-
7RNH6M	G	C	C	G	G	G		C INS	C INS		C INS		
B9V7KH	G	C	C	G	G	G		C Ins	C Ins		C Ins	A Del	C Del
BE9QTN	G	C	C	G	G	G		C	C		C		
BV68G	G	C	C	G	G	G		C INS	C INS		C INS		
D36CJ3	G	C	C	G	G	G	2C			1C			
DCU49F	G	C	C	G	G	G		C INS	C INS		C INS	A DEL	C DEL
EEE8FD	G	C	C	G	G	G		C INS	C INS		C INS		
FEXH3C	G	C	C	G	G	G		C	C		C		
GGRRDC	G	C	C	G	G	G		C INS	C INS		C INS		
NXT7E6	G	C	C	G	G	G		C INS	C INS		C INS		
NZGHDB	G	C	C	G	G	G		C	C		C		
PHVE79	G	C	C	G	G	G		C	C		C		
R4PAML	G	C	C	G	G	G		C			C		
R7DEMK	G	C	C	G	G	G		C	C		C		
RXRCHW	G	C	C	G	G	G		C	C		C		
TKQ63Y	G	C	C	G	G	G		C Ins	C Ins		C Ins		
W8C7N9	G	C	C	G	G	G	.1C			.1C			
WPRJZC	G	C	C	G	G	G		C	C		C		
X2ZLYE	G	C	C	G	G	G	.1C			.1C			
YNCY7R	G	C	C	G	G	G		C INS	C INS		C INS		
ZTWQMK	G	C	C	G	G	G		C	C		C		

## TABLE 6a - ITEM 4

## Polymorphisms from Reference Sequence

	73.0	146.0	153.0	235.0	263.0	309.0	309.1	315.0	315.1	523.0	524.0
<b>ITEM 4</b>											
3U9ZWW	G	C	G	G	G		C		C		
6CJJQ6	G	C	G	G	G		C		C	DEL	DEL
6FZWML	G	C	G	G	G		C INS		C INS	A DEL	C DEL
6K9EMZ	G	C	G	G	G		C		C	-	-
7RNH6M	G	C	G	G	G		C INS		C INS		
B9V7KH	G	C	G	G	G		C Ins		C Ins	A Del	C Del
BE9QTN	G	C	G	G	G		C		C		
BV68G	G	C	G	G	G		C INS		C INS		
D36CJ3	G	C	G	G	G	1C		1C			
DCU49F	G	C	G	G	G		C INS		C INS	A DEL	C DEL
EEE8FD	G	C	G	G	G		C INS		C INS		
FEXH3C	G	C	G	G	G		C		C		
GGRRDC	G	C	G	G	G		C INS		C INS		
NXT7E6	G	C	G	G	G		C INS		C INS		
NZGHDB	G	C	G	G	G		C		C		
PHVE79	G	C	G	G	G		C		C		
R4PAML	G	C	G	G	G		C		C		
R7DEMK	G	C	G	G	G		C		C		
RXRCHW	G	C	G	G	G		C		C		
TKQ63Y	G	C	G	G	G		C Ins		C Ins		
W8C7N9	G	C	G	G	G	.1C		.1C			
WPRJZC	G	C	G	G	G		C		C		
X2ZLYE	G	C	G	G	G	.1C		.1C			
YNCY7R	G	C	G	G	G		C INS		C INS		
ZTWQMK	G	C	G	G	G		C		C		

# Mitochondrial DNA - HVRII Results

TABLE 6b

**Bases Sequenced: HVR II**

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
3U9ZWW	61-385	61-385	61-385	61-385
48BNQB	30-407	30-407		
6CJJQ6	1-576	1-576	1-576	1-576
6FZWML	1-576	1-576	1-576	1-576
6K9EMZ	1-576	1-576	1-576	1-576
7RNH6M	1-576	1-576	40-460	42-462
8EXVQE	73-340	73-340		
8XN7ED	70-340	70-340		
B9V7KH	1-576	1-576	1-576	1-576
BE9QTN	61-385	61-385	61-385	61-385
BVV68G	39-458	39-458	39-464	39-464
D36CJ3	73-340	73-340	73-340	73-340
D69CD8	73-340	73-340		
D7KR89	73-340	73-340		
DCU49F	1-576	1-576	1-576	1-576
EEE8FD	1-576	1-576	39-464	39-464
F9H32Y	30-407	30-407		
FEXH3C	52-399	46-397	48-342	62-342
GRRDC	46-367	40-367	39-368	39-368
KMK882	73-340	73-340		
KMQFKU	30-407	30-407		
LAB69N	16024-16569	16024-16569		
NXT7E6	1-463	1-463	1-463	1-463
NZGHDB	73-340	73-340	73-340	73-340
PHVE79	73-340	73-340	73-340	73-340
R4PAML	73-388	73-414	73-378	73-365
R7DEMK	1-538	1-538	46-366	39-367
RCZB9M	73-340	73-340		
RXRCHW	73-340	73-340	73-340	73-340
TKQ63Y	1-576	1-576	39-367	39-367
W8C7N9	73-340	73-340	73-340	73-340
WPRJZC	45-390	45-390	45-390	45-390
X2ZLYE	1-542	1-542	46-367	39-367
YNCY7R	1-576	1-576	39-369	39-369
ZTWQMK	1-370	1-370	1-370	1-370

# 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
22ATU7	Yes	No	No	Yes	32MJGV	Yes	No	No	Yes
23ANJ4	Yes	No	No	Yes	3BYWGZ	Yes	No	No	Yes
23NE7T	Yes	No	No	Yes	3C4LHN	Yes	No	No	Yes
24F7KK	Yes	No	No	Yes	3CN3XQ	Yes	No	No	Yes
24YYBW	Yes	No	No	Yes	3CP4G3	Yes	No	No	Yes
298MLD	Yes	No	No	Yes	3HDM27	Yes	No	No	Yes
29DQN6	Yes	No	No	Yes	3HT2B2	Yes	No	No	Yes
2A7K3Z	Yes	No	No	Yes	3KHC2U	Yes	No	No	Yes
2BYLZB	No Interpretations Reported, DNA Analyzed for Database purposes only.				3LB9N3	Yes	No	No	Yes
2FPTK6	Yes	No	No	Yes	3MKD2Q	Yes	No	No	Yes
2JXUV4	Yes	No	No	Yes	3N6X63	Yes	No	No	Yes
2KZ734	Yes	No	No	Yes	3PAJK3	Yes	No	No	Yes
2LY4JQ	Yes	No	No	Yes	3QQTJV	Yes	No	No	Yes
2QRDKC	No Interpretations Reported, DNA Analyzed for Database purposes only.				3RGRXT	Yes	No	No	Yes
2UFNWP	Yes	No	No	Yes	3RHUG7	Yes	No	No	Yes
2W3833	Yes	No	No	Yes	3U9ZWW	Yes	No	No	Yes
2WVBEB	Yes	No	No	Yes	3UATU4	Yes	No	No	Yes
2WZMZL	Yes	No	No	Yes	3Y2XN9	Yes	No	No	Yes
2XV749	Yes	No	No	Yes	43GTX4	Yes	No	No	Yes
2XWUUY	Yes	No	No	Yes	43W9UR	Yes	No	No	Yes
2ZGRWV	Yes	No	No	Yes	43X4JP	Yes	No	No	Yes



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
463Q22	Yes	No	No	Yes	6CL36U	Yes	No	No	Yes
46PVXG	Yes	No	No	Yes	6FHXDV	Yes	No	No	Yes
474BFP	Yes	No	No	Yes	6FZWML	Yes	No	No	Yes
48BNQB	No Interp	No Interp	No Interp	No Interp	6GCNGN	Yes	No	No	Yes
49N9JL	Yes	No	No	Yes	6J6FVF	No Interpretations Reported, DNA Analyzed for Database purposes only.			
4FJHEC	Yes	No	No	Yes	6JEPJ7	Yes	No	No	Yes
4FZE8C	Yes	No	No	Yes	6JZ6QW	Yes	No	No	Yes
4L7BQC	Yes	No	No	Yes	6K9EMZ	Yes	No	No	Yes
4LP6FT	Yes	No	No	Yes	6KEK94	Yes	No	No	Yes
4LTHB2	Yes	No	No	Yes	6KF9XV	Yes	No	No	Yes
4NDGEY	Yes	No	No	Yes	6KYXY3	Yes	No	No	Yes
4P8BTU	Yes	No	No	Yes	6LLUBA	No Interpretations Reported, DNA Analyzed for Database purposes only.			
4RVMRZ	Yes	No	No	Yes	6MZ72R	Yes	No	No	Yes
4RZXWJ	Yes	No	No	Yes	6NR8Y3	Yes	No	No	Yes
4WT9UN	Yes	No	No	Yes	6RETRP	Yes	No	No	Yes
4YD7XK	Yes	No	No	Yes	6RQQWU	No Interpretations Reported, DNA Analyzed for Database purposes only.			
4ZWTW3	Yes	No	No	Yes	6T4DGU	Yes	No	No	Yes
63A6XC	Yes	No	No	Yes	6WDD6	Yes	No	No	Yes
63DF3V	Yes	No	No	Yes	6WKJUV	No Interpretations Reported, DNA Analyzed for Database purposes only.			
66FMW8	No Interpretations Reported, DNA Analyzed for Database purposes only.				6YNFDY	Yes	No	No	Yes
67VLFW	Yes	No	No	Yes	6YTQHH	Yes	No	No	Yes
6AGJWZ	Yes	No	No	Yes	6ZNDUL	Yes	No	No	Yes
6CJJQ6	Yes	No	No	Yes					

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
738RXM	Yes	No	No	Yes	7WLYK2	Yes	No	No	Yes
74496H	Yes	No	No	Yes	7WZ4ET	Yes	No	No	Yes
79WDV2	Yes	No	No	Yes	7YCTPH	Yes	No	No	Yes
7B3UZX	Yes	No	No	Yes	7ZKAF2	Yes	No	No	Yes
7DQ7Y4	Yes	No	No	Yes	7ZMQ2E	Yes	No	No	Yes
7DULEP	Yes	No	No	Yes	82GRMW	Yes	No	No	Yes
7E29K3	Yes	No	No	Yes	833PPT	Yes	No	No	Yes
7FCTRQ	Yes	No	No	Yes	88XL9T	Yes	No	No	Yes
7JCARR	Yes	No	No	Yes	8A27A8	Yes	No	No	Yes
7M38PY	Yes	No	No	Yes	8BGH7J	Yes	No	No	Yes
7MW7EW	No Interpretations Reported, DNA Analyzed for Database purposes only.				8EXVQE	Yes	No	No	Yes
7P49EA	Yes	No	No	Yes	8G73AY	Yes	No	No	Yes
7PM6TV	Yes	No	No	Yes	8JQZCV	Yes	No	No	Yes
7QDB9L	Yes	No	No	Yes	8K3HRV	Yes	No	No	Yes
7QDDRQ	Yes	No	No	Yes	8K4JB8	Yes	No	No	Yes
7RNH6M	Yes	No	No	Yes	8KKVQR	Yes	No	No	Yes
7UDJDV	Yes	No	No	Yes	8KRJRK	Yes	No	No	Yes
7UELW9	Yes	No	No	Yes	8MDHUG	Yes	No	No	Yes
7W2VC2	Yes	No	No	Yes	8MT2EE	Yes	No	No	Yes
7W4QTL	Yes	No	No	Yes	8MVHP7	No Interpretations Reported, DNA Analyzed for Database purposes only.			
7W79ZX	No Interpretations Reported, DNA Analyzed for Database purposes only.				8NLRKT	Yes	No	No	Yes
7WK7LU	Yes	No	No	Yes	8R4UNR	Yes	No	No	Yes
					8UBAWJ	Yes	No	No	Yes

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
8XN7ED	Yes	No	No	Yes	9PVWXG	No Interpretations Reported, DNA Analyzed for Database purposes only.			
8XTFMR	Yes	No	No	Yes	9Q8VTQ	Yes	No	No	Yes
96NZTR	No Interpretations Reported, DNA Analyzed for Database purposes only.				9Y3XU2	Yes	No	No	Yes
96PTRY	Yes	No	No	Yes	9Y4GAQ	Yes	No	No	Yes
98BBAK	Yes	No	No	Yes	9ZA3L6	No Interpretations Reported, DNA Analyzed for Database purposes only.			
98CCTW	Yes	No	No	Yes	A32GRU	Yes	No	No	Yes
98FMXG	Yes	No	No	Yes	A3E7TK	Yes	No	No	Yes
9BAT6Q	No Interpretations Reported, DNA Analyzed for Database purposes only.				A68W8C	No Interp	No Interp	No Interp	Yes
9C83CF	Yes	No	No	Yes	AAH8XL	Yes	No	No	Yes
9GH8XN	Yes	No	No	Yes	AA77AX	Yes	No	No	Yes
9GP6GZ	Yes	No	No	Yes	AB9FXN	No Interpretations Reported, DNA Analyzed for Database purposes only.			
9GXD98	Yes	No	No	Yes	ABA9VW	Yes	No	No	Yes
9JA4KW	Yes	No	No	Yes	ABF4XG	Yes	No	No	Yes
9JL3GQ	Yes	No	No	Yes	AD232D	Yes	No	No	Yes
9KPGDZ	Yes	No	No	Yes	ADEWET	No Interpretations Reported, DNA Analyzed for Database purposes only.			
9KZAZM	Yes	No	No	Yes	AEA1QW	Yes	No	No	Yes
9KZEBP	Yes	No	No	Yes	AEPFJW	Yes	No	No	Yes
9LVUML	Yes	No	No	Yes	AEPKUY	Yes	No	No	Yes
9M4AUR	Yes	No	No	Yes	AEVQF3	Yes	No	No	Yes
9MAEFW	Yes	No	No	Yes	AEWL6Z	Yes	No	No	Yes
9MBXVK	Yes	No	No	Yes	AGD6PU	Yes	No	No	Yes
9PRLTX	Yes	No	No	Yes	AGV29G	Yes	No	No	Yes

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
AGW3RU	Yes	No	No	Yes	BFZZMQ	Yes	No	No	Yes
AGZDWD	Yes	No	No	Yes	BGPBDJ	Yes	No	No	Yes
AHWZZ	Yes	No	No	Yes	BKUULC	Yes	No	No	Yes
AJY23M	Yes	No	No	Yes	BLLVJN	Yes	No	No	Yes
ALRN7C	Yes	No	No	Yes	BLLYUQ	Yes	No	No	Yes
ANG498	Yes	No	No	Yes	BM6MPR	Yes	No	No	Yes
APNGVZ	Yes	No	No	Yes	BPTYNX	Yes	No	No	Yes
ATAXEL	Yes	No	No	Yes	BQ3ZFX	Yes	No	No	Yes
ATFG7H	Yes	No	No	Yes	BREXRU	Yes	No	No	Yes
AU6J2K	Yes	No	No	Yes	BT7TGN	Yes	No	No	Yes
AULTZD	No Interpretations Reported, DNA Analyzed for Database purposes only.				BU4C7W	Yes	No	No	Yes
AUZEAE	Yes	No	No	Yes	BVUAQV	Yes	No	No	Yes
AZBBC4	Yes	No	No	Yes	BW68G	Yes	No	No	Yes
B66D7V	Yes	No	No	Yes	BWPUNG	Yes	No	No	Yes
B8Q9JM	Yes	No	No	Yes	BYBRRD	Yes	No	No	Yes
B9HAGY	Yes	No	No	Yes	BZN4NX	Yes	No	No	Yes
B9V7KH	Yes	No	No	Yes	C2RJ7M	Yes	No	No	Yes
BAC3CG	Yes	No	No	Yes	C2XNRR	Yes	No	No	Yes
BB4DRG	Yes	No	No	Yes	C2Z87F	Yes	No	No	Yes
BCL8RQ	Yes	No	No	Yes	C37PR6	Yes	No	No	Yes
BDBD9G	Yes	No	No	Yes	C3B7ZN	Yes	No	No	Yes
BDE2JU	Yes	No	No	Yes	C4K6AC	Yes	No	No	Yes
BE9QTN	Yes	No	No	Yes	C6FTN2	Yes	No	No	Yes

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
C79WZ9	Yes	No	No	Yes	CRATUW	Yes	No	No	Yes
CBJWAT	Yes	No	No	Yes	CRFZ8Q	Yes	No	No	Yes
CBLH8U	Yes	No	No	Yes	CUVLMQ	Yes	No	No	Yes
CBQPKN	Yes	No	No	Yes	CUZYAM	Yes	No	No	Yes
CD8DJ2	No Interpretations Reported, DNA Analyzed for Database purposes only.				CVEERV	Yes	No	No	Yes
CDCNMK	Yes	No	No	Yes	CWH6NN	Yes	No	No	Yes
CDR6FT	No Interpretations Reported, DNA Analyzed for Database purposes only.				CWNBAT	Yes	No	No	Yes
CFABUU	Yes	No	No	Yes	CWPDPP	Yes	No	No	Yes
CFC23X	Yes	No	No	Yes	CYACRL	Yes	No	No	Yes
CFXFMU	Yes	No	No	Yes	CYDPNU	Yes	No	No	Yes
CHHEQQ	No Interpretations Reported, DNA Analyzed for Database purposes only.				D36CJ3	Yes	No	No	Yes
CJCA6M	Yes	No	No	Yes	D4LH8R				Yes
CJD23U	Yes	No	No	Yes	D69CD8	Yes	No	No	Yes
CJKX6E	Yes	No	No	Yes	D6CP8V	Yes	No	No	Yes
CJW44	Yes	No	No	Yes	D7KR89	Yes	No	No	Yes
CKQPMU	Yes	No	No	Yes	D7P49C	Yes	No	No	Yes
CKTAKV	Yes	No	No	Yes	D8Y8PF	Yes	No	No	Yes
CL6W9B	Yes	No	No	Yes	D9A3B9	Yes	No	No	Yes
CLZL4R	Yes	No	No	Yes	DBZHC4	Yes	No	No	Yes
CMD9NR	Yes	No	No	Yes	DCU49F	Yes	No	No	Yes
CPLBN6	Yes	No	No	Yes	DDLC2G	Yes	No	No	Yes
CPYYQH	Yes	No	No	Yes	DDM2D2	Yes	No	No	Yes
					DFQRM2	Yes	No	No	Yes

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
DGPQ4P	Yes	No	No	Yes	EEE8FD	Yes	No	No	Yes
DHYQ9V	Yes	No	No	Yes	EEYRJP	Yes	No	No	Yes
DJAW6W	Yes	No	No	Yes	EPTM3C	Yes	No	No	Yes
DJTLMR	Yes	No	No	Yes	EQ8UNT	Yes	No	No	Yes
DLKJ2Q	Yes	No	No	Yes	ER4BUN	Yes	No	No	Yes
DLZ4LM	Yes	No	No	Yes	ERHNAL	Yes	No	No	Yes
DQUZAE	Yes	No	No	Yes	ETAP8W	Yes	No	No	Yes
DTEPUR	Yes	No	No	Yes	ETAUHY	No Interpretations Reported, DNA Analyzed for Database purposes only.			
DUTB7E	Yes	No	No	Yes	ETE9VY	Yes	No	No	Yes
DV3GLN	Yes	No	No	Yes	EVZVNM	Yes	No	No	Yes
DXTHRC	Yes	No	No	Yes	F6MCQL	Yes	No	No	Yes
DY72M3	Yes	No	No	Yes	F74AHL	Yes	No	No	Yes
E2UWZM	Yes	No	No	Yes	F9H32Y	No Interp	No Interp	No Interp	No Interp
E4H9ZT	Yes	No	No	Yes	F9N8LH	Yes	No	No	Yes
E6QGTK	Yes	No	No	Yes	FBX78C	Yes	No	No	Yes
E6R9RT	Yes	No	No	Yes	FDVXNN	Yes	No	No	Yes
E7HF8J	Yes	No	No	Yes	FEDXVK	Yes	No	No	Yes
E7NQXN	Yes	No	No	Yes	FEXH3C	Yes	No	No	Yes
E9RLGQ	Yes	No	No	Yes	FGHF79	Yes	No	No	Yes
EA9HAQ	Yes	No	No	Yes	FJF4CH	Yes	No	No	Yes
EAYVJW	Yes	No	No	Yes	FJNX7P	Yes	No	No	Yes
EBTKMP	Yes	No	No	Yes	FLBH8M	No Interpretations Reported, DNA Analyzed for Database purposes only.			
ECE3YC	Yes	No	No	Yes					

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
FM9PF8	Yes	No	No	Yes	HAP6YH	Yes	No	No	Yes
FN2NND	Yes	No	No	Yes	HB224M	Yes	No	No	Yes
FPFYVJ	Yes	No	No	Yes	HB6C97	Yes	No	No	Yes
FPTNLP	Yes	No	No	Yes	HD8CBN	Yes	No	No	Yes
FYGJVQ	Yes	No	No	Yes	HDR7XJ	Yes	No	No	Yes
G89BTH	Yes	No	No	Yes	HDUN8B	Yes	No	No	Yes
G9HF9R	Yes	No	No	Yes	HE23EG	Yes	No	No	Yes
G9MNLL	Yes	No	No	Yes	HE28PJ	Yes	No	No	Yes
GAWTYA	Yes	No	No	Yes	HFFHWP	Yes	No	No	Yes
GB8LPH	Yes	No	No	Yes	HFT4CT	Yes	No	No	Yes
GCGQ38	Yes	No	No	Yes	HFT9MV	No Interpretations Reported, DNA Analyzed for Database purposes only.			
GD9WBK	Yes	No	No	Yes	HFVXTD	Yes	No	No	Yes
GDCEGV	Yes	No	No	Yes	HJ2ZEA	Yes	No	No	Yes
GRRDC	Yes	No	No	Yes	HK7YZ3	Yes	No	No	Yes
GGXWYG	Yes	No	No	Yes	HKRDNF	Yes	No	No	Yes
GPNQNY	Yes	No	No	Yes	HQVJ4H	Yes	No	No	Yes
GRWUKV	Yes	No	No	Yes	HR79JN	Yes	No	No	Yes
GTMZZL	Yes	No	No	Yes	HRNEHE	Yes	No	No	Yes
GVBCZQ	Yes	No	No	Yes	HT4KEG	Yes	No	No	Yes
H4LYHJ	Yes	No	No	Yes	HUDQGK	Yes	No	No	Yes
H6V3YN	Yes	No	No	Yes	HUG2L4	Yes	No	No	Yes
H783VH	Yes	No	No	Yes	HW8FXK	Yes	No	No	Yes
H8YXHR	Yes	No	No	Yes	HXEKPM	Yes	No	No	Yes

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
HY8F4J	Yes	No	No	Yes	K7L4VQ	Yes	No	No	Yes
J6AXUV	Yes	No	No	Yes	K8CACG	Yes	No	No	Yes
J6F849	Yes	No	No	Yes	KC9YN8	Yes	No	No	Yes
J9DP6G	Yes	No	No	Yes	KHDUE9	Yes	No	No	Yes
JBK3TA	Yes	No	No	Yes	KMBWWG	Yes	No	No	Yes
JCB289	Yes	No	No	Yes	KMK882	Yes	No	No	Yes
JELYKP	Yes	No	No	Yes	KMQFKU	No Interp	No Interp	No Interp	No Interp
JFC6ZF	Yes	No	No	Yes	KUP7XH	Yes	No	No	Yes
JGN7GM	Yes	No	No	Yes	KWF847	Yes	No	No	Yes
JHECWD	Yes	No	No	Yes	KY6DLH	Yes	No	No	Yes
JJCL2G	Yes	No	No	Yes	KZBYYW	Yes	No	No	Yes
JPWHTK	Yes	No	No	Yes	KZVTLR	Yes	No	No	Yes
JPZ9WM	Yes	No	No	Yes	L4DBGH	Yes	No	No	Yes
JR6TRA	Yes	No	No	Yes	L7VGUJ	Yes	No	No	Yes
JT388E	Yes	No	No	Yes	L94P2H	Yes	No	No	Yes
JTLQE8	Yes	No	No	Yes	L9J4BD	Yes	No	No	Yes
JW2CVT	Yes	No	No	Yes	LAB69N	Yes	No	No	Yes
JXRJCJ	Yes	No	No	Yes	LBR7BQ	No Interpretations Reported, DNA Analyzed for Database purposes only.			
JYC2N7	Yes	No	No	Yes	LC2BNE	Yes	No	No	Yes
K26X22	Yes	No	No	Yes	LETXR4	Yes	No	No	Yes
K2WCZF	Yes	No	No	Yes	LGE23M	Yes	No	No	Yes
K4GB4D	Yes	No	No	Yes	LGWXLA	Yes	No	No	Yes
K68J3F	Yes	No	No	Yes	LHDZJA	Yes	No	No	Yes



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
LNEBK9	Yes	No	No	Yes	MT6ZKC	Yes	No	No	Yes
LNHQX9	Yes	No	No	Yes	N2UCQP	No Interpretations Reported, DNA Analyzed for Database purposes only.			
LNXA7	Yes	No	No	Yes	N3KFFQ	Yes	No	No	Yes
LPDHXL	Yes	No	No	Yes	N4FU9A	Yes	No	No	Yes
LQ6DMF	Yes	No	No	Yes	N4MYUE	Yes	No	No	Yes
LREEEF	Yes	No	No	Yes	N7N66D	Yes	No	No	Yes
LRFF9E	Yes	No	No	Yes	N8679F	Yes	No	No	Yes
LTPGZE	Yes	No	No	Yes	NE3QG3	Yes	No	No	Yes
LTQCPC	Yes	No	No	Yes	NE999Z	Yes	No	No	Yes
LTVLLJ				Yes	NEZ9AR	Yes	No	No	Yes
LUHGXQ	Yes	No	No	Yes	NFKLBB	Yes	No	No	Yes
M4A6GY	Yes	No	No	Yes	NFT8CW	Yes	No	No	Yes
M63VME	Yes	No	No	Yes	NK67EP	Yes	No	No	Yes
M7T336	Yes	No	No	Yes	NKN2AX	Yes	No	No	Yes
M7U4LG	Yes	No	No	Yes	NQBTF7	Yes	No	No	Yes
M89GCY	Yes	No	No	Yes	NQCLDD	Yes	No	No	Yes
M8K3ZF	Yes	No	No	Yes	NQX9Z3	Yes	No	No	Yes
M8NT3G	Yes	No	No	Yes	NRRUH8	Yes	No	No	Yes
MDEZRR	Yes	No	No	Yes	NVQ246	Yes	No	No	Yes
MDRNTJ	Yes	No	No	Yes	NXDxBV	Yes	No	No	Yes
MEJPRF	Yes	No	No	Yes	NXT7E6	Yes	No	No	Yes
MQGNL7	Yes	No	No	Yes	NYL6JQ	Yes	No	No	Yes
MT66VE	Yes	No	No	Yes	NZGHDB	Yes	No	No	Yes

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
NZH9LD	Yes	No	No	Yes	PNNAE9	Yes	No	No	Yes
P2GNKW	Yes	No	No	Yes	PPZDJJ	Yes	No	No	Yes
P2RVGX	Yes	No	No	Yes	PTH73Y	Yes	No	No	Yes
P3MEKK	Yes	No	No	Yes	PURFTB	Yes	No	No	Yes
P3MHT2	Yes	No	No	Yes	PVKB88	Yes	No	No	Yes
P6CK2B	Yes	No	No	Yes	PXWUPG	Yes	No	No	Yes
P6CPBD	Yes	No	No	Yes	PY8WD2	Yes	No	No	Yes
P8Z2BH	Yes	No	No	Yes	Q234WC	Yes	No	No	Yes
P9BYNZ	Yes	No	No	Yes	Q2MKCE	Yes	No	No	Yes
P9VUU9	Yes	No	No	Yes	Q4EYH4	Yes	No	No	Yes
PD8PUC	Yes	No	No	Yes	Q972QA	Yes	No	No	Yes
PDTAPB	Yes	No	No	Yes	Q9RKL9	Yes	No	No	Yes
PDZK98	Yes	No	No	Yes	QBE3QM	No Interpretations Reported, DNA Analyzed for Database purposes only.			
PFD8T8	Yes	No	No	Yes	QCN3T9	Yes	No	No	Yes
PG4FRB	Yes	No	No	Yes	QCN84B	Yes	No	No	Yes
PG69PH	Yes	No	No	Yes	QDL9E9	Yes	No	No	Yes
PGC4T3	Yes	No	No	Yes	QEEACK	Yes	No	No	Yes
PGPW8D	Yes	No	No	Yes	QEQ7E4	Yes	No	No	Yes
PHVE79	Yes	No	No	Yes	QEV37	Yes	No	No	Yes
PK2ZXF	Yes	No	No	Yes	QFTQD6	Yes	No	No	Yes
PK4KUV	Yes	No	No	Yes	QHBXQ7	Yes	No	No	Yes
PLX4XH	Yes	No	No	Yes	QJBTF4	Yes	No	No	Yes
PLY6EA	Yes	No	No	Yes	QNYHUL	Yes	No	No	Yes

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
QPBD FE	Yes	No	No	Yes	RB99KL	No Interpretations Reported, DNA Analyzed for Database purposes only.			
QPTJE4	Yes	No	No	Yes	RCZB9M	Yes	No	No	Yes
QQT B3C	Yes	No	No	Yes	RF4VHF	Yes	No	No	Yes
QR688G	Yes	No	No	Yes	RFJL3K	No Interpretations Reported, DNA Analyzed for Database purposes only.			
QTYPEJ	Yes	No	No	Yes	RFM2G7	Yes	No	No	Yes
QUP6BD	Yes	No	No	Yes	RFQA3D	Yes	No	No	Yes
QVG2Y8	Yes	No	No	Yes	RJ63K6	Yes	No	No	Yes
QVQPP2	Yes	No	No	Yes	RMQPQY	Yes	No	No	Yes
QX8CNE	Yes	No	No	Yes	RPGV9B	Yes	No	No	Yes
QXCMTX	Yes	No	No	Yes	RQ7B8K	Yes	No	No	Yes
QY6DYD	No Interpretations Reported, DNA Analyzed for Database purposes only.				RQLJCE	Yes	No	No	Yes
R2AEMG	Yes	No	No	Yes	RRLMX4	Yes	No	No	Yes
R3FWLC	Yes	No	No	Yes	RRWGNB	Yes	No	No	Yes
R4PAML	Yes	No	No	Yes	RRWH8N	Yes	No	No	Yes
R4UCQD	Yes	No	No	Yes	RUJZP9	No Interpretations Reported, DNA Analyzed for Database purposes only.			
R6LDPA	Yes	No	No	Yes	RXRCHW	Yes	No	No	Yes
R73E4X	Yes	No	No	Yes	T23QLN	Yes	No	No	Yes
R7DEMK	Yes	No	No	Yes	T2MC9D			No Interp	Yes
R7EACH	Yes	No	No	Yes	T3DK9F	Yes	No	No	Yes
R9KRBD	Yes	No	No	Yes	T3TYHB	Yes	No	No	Yes
R9KWKF	Yes	No	No	Yes	T6EQLZ	Yes	No	No	Yes
RB94AJ	Yes	No	No	Yes	T6J6X2	Yes	No	No	Yes
					T7B7VC	Yes	No	No	Yes

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
T9HGU2	Yes	No	No	Yes	TYZNXD	Yes	No	No	Yes
TCJKN9	Yes	No	No	Yes	TZ92EE	Yes	No	No	Yes
TCZMKA	Yes	No	No	Yes	TZP9AB	Yes	No	No	Yes
TE2R2B	Yes	No	No	Yes	TZQYN7	Yes	No	No	Yes
TFNYKF	Yes	No	No	Yes	U39MDB	Yes	No	No	Yes
TGBR7H	Yes	No	No	Yes	U4HRQY	Yes	No	No	Yes
TGGV99	Yes	No	No	Yes	U6ATNA	Yes	No	No	Yes
TJ2XM9	Yes	No	No	Yes	U7AJ6Q	No Interpretations Reported, DNA Analyzed for Database purposes only.			
TKQ63Y	Yes	No	No	Yes	U83FRY	Yes	No	No	Yes
TLPALD	Yes	No	No	Yes	UAQXKK	No Interpretations Reported, DNA Analyzed for Database purposes only.			
TNZ3NT	Yes	No	No	Yes	UE6PXR	Yes	No	No	Yes
TP4ZQ9	Yes	No	No	Yes	UEKTQX	Yes	No	No	Yes
TPQJM8	Yes	No	No	Yes	UH38UY	Yes	No	No	Yes
TQXV64	Yes	No	No	Yes	UME3U2	Yes	No	No	Yes
TQYQV2	Yes	No	No	Yes	UXEG3E	Yes	No	No	Yes
TRGHZ7	Yes	No	No	Yes	UXVZKR	Yes	No	No	Yes
TT46FL	Yes	No	No	Yes	UY9CGB	Yes	No	No	Yes
TTQHAT	No Interp	No Interp	No Interp	No Interp	UZZBV9	Yes	No	No	Yes
TVTP37	Yes	No	No	Yes	V76QG3	Yes	No	No	Yes
TVZD4X	Yes	No	No	Yes	V7LRHJ	Yes	No	No	Yes
TXLC8U	Yes	No	No	Yes	V9AANB	Yes	No	No	Yes
TYAPPD	Yes	No	No	Yes	V9FH26	Yes	No	No	Yes
TYAUZF	No Interp	No Interp	No Interp	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
VB4UZB	Yes	No	No	Yes	W8C7N9	Yes	No	No	Yes
VBZF62	Yes	No	No	Yes	W8FQKN	Yes	No	No	Yes
VCC3U3	Yes	No	No	Yes	W98T2C	Yes	No	No	Yes
VCCXJZ	Yes	No	No	Yes	W9N3Z6	Yes	No	No	Yes
VDHKTY	Yes	No	No	Yes	WA2HNE	Yes	No	No	Yes
VDNR48	Yes	No	No	Yes	WBVH9W	Yes	No	No	Yes
VEGPCD	Yes	No	No	Yes	WEWAQA	Yes	No	No	Yes
VFXNXC	Yes	No	No	Yes	WGH9T7	No Interpretations Reported, DNA Analyzed for Database purposes only.			
VL6GR8	Yes	No	No	Yes	WHH4KP	Yes	No	No	Yes
VPELDF	Yes	No	No	Yes	WKK74Y	Yes	No	No	Yes
VPN94A	Yes	No	No	Yes	WM8Q6W	Yes	No	No	Yes
VPZ9Z4	Yes	No	No	Yes	WNGK4G	No Interpretations Reported, DNA Analyzed for Database purposes only.			
VQA887	Yes	No	No	Yes	WNMVV8	Yes	No	No	Yes
VRK74Z	Yes	No	No	Yes	WPRJZC	Yes	No	No	Yes
VT24VZ	Yes	No	No	Yes	WPTEPA	Yes	No	No	Yes
VTGQNE	Yes	No	No	Yes	WRFVYG	No Interpretations Reported, DNA Analyzed for Database purposes only.			
VTNKYA	Yes	No	No	Yes	WU9VAY	Yes	No	No	Yes
VU9H37	Yes	No	No	Yes	WU9XTC	Yes	No	No	Yes
W3DG3	Yes	No	No	Yes	WVMAPV	Yes	No	No	Yes
VX8Y99	Yes	No	No	Yes	WVY493	Yes	No	No	Yes
W29BY8	Yes	No	No	Yes	WWG2P9	Yes	No	No	Yes
W4T934	Yes	No	No	Yes	WY3YR6	Yes	No	No	Yes
W6M4GY	Yes	No	No	Yes					

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
WZT8R9	Yes	No	No	Yes	XUNGDA	Yes	No	No	Yes
X26X4X	Yes	No	No	Yes	XVHCR6	Yes	No	No	Yes
X2ZLYE	Yes	No	No	Yes	XWACNF	Yes	No	No	Yes
X32HNC	Yes	No	No	Yes	XZEQM8	Yes	No	No	Yes
X4AKK9	Yes	No	No	Yes	Y4DHE6	Yes	No	No	Yes
X64FY6	Yes	No	No	Yes	Y8CTB6	Yes	No	No	Yes
X6Z36G	Yes	No	No	Yes	YCVELV	Yes	No	No	Yes
X7DPMV	Yes	No	No	Yes	YDTK6B	Yes	No	No	Yes
X93V68	Yes	No	No	Yes	YGTUFD	Yes	No	No	Yes
XDJZD3	Yes	No	No	Yes	YKQDD6	Yes	No	No	Yes
XDXHR7	Yes	No	No	Yes	YKWB6U	Yes	No	No	Yes
XEPLPG	Yes	No	No	Yes	YM4QCZ	Yes	No	No	Yes
XF8CC9	Yes	No	No	Yes	YMJ6RW	Yes	No	No	Yes
XGWWN7	Yes	No	No	Yes	YNB6P8	Yes	No	No	Yes
XHUZN9	Yes	No	No	Yes	YNCY7R	Yes	No	No	Yes
XJL9MB	Yes	No	No	Yes	YP8LV3	Yes	No	No	Yes
XLN9GG	Yes	No	No	Yes	YQ27W	Yes	No	No	Yes
XNF8VE	No Interpretations Reported, DNA Analyzed for Database purposes only.				YQZB6X	Yes	No	No	Yes
XPQAJY	Yes	No	No	Yes	YRT8R7	Yes	No	No	Yes
XREKH6	Yes	No	No	Yes	YUHL89	Yes	No	No	Yes
XRHWMN	Yes	No	No	Yes	Z7RLEL	Yes	No	No	Yes
XTTX9M	Yes	No	No	Yes	Z9RYTY	Yes	No	No	Yes
XUHDBH	Yes	No	No	Yes	ZB4EMY	No Interp	No Interp	No Interp	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
ZB7AZ4	Yes	No	No	Yes					
ZDQ94Z	Yes	No	No	Yes					
ZFLHN4	Yes	No	No	Yes					
ZKRD84	Yes	No	No	Yes					
ZR9WG6	Yes	No	No	Yes					
ZTWQMK	Yes	No	No	Yes					
ZZLPUL	Yes	No	No	Yes					

<b>DNA Interpretation</b>					
<b>Response Summary</b>			<b>Participants reporting DNA results: 720</b>		
<i>Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 &amp; 4)?</i>					
		Victim (Item 1)		Suspect (Item 2)	
		<u>Item 3</u>	<u>Item 4</u>	<u>Item 3</u>	<u>Item 4</u>
Yes		<b>638</b>	<b>0</b>	<b>0</b>	<b>642</b>
No		<b>0</b>	<b>638</b>	<b>638</b>	<b>0</b>
Inc		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
No Interpretation		<b>7</b>	<b>7</b>	<b>8</b>	<b>6</b>
No Response		<b>39</b>	<b>39</b>	<b>38</b>	<b>36</b>

Participants analyzing DNA for database purposes only: 36

# Additional Comments

## TABLE 8

WebCode	Additional Comments
24YYBW	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 artifacts were not reported and will not be used for conclusions or comparisons.
29DQN6	Male screening was performed on Item 3 and Item 4 using the Plexor HY quantification kit.
2BYLZB	Items 3 and 4 were not tested.
2JXUV4	Male screening was performed on Items 3 and 4 using the Plexor HY quantification kit. Interpretation of results done by this analyst; male screening sample prep and processing was done by another analyst. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.
2KZ734	Imbalance at DYF387S1 was noted in the YFiler Plus profiles for both Item 2 and Item 4. This locus was not used for comparisons/statistical calculations.
2LY4JQ	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.
2UFNWP	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.
2W3833	Extraction : 1) Item 1 and Item 2 were extracted using in-situ method. 2) Item 3 and Item 4 was extracted using Promega DNA IQ on Tecan Freedom EVO 150 platform. Quantification : Item 3 and 4 were quantified using Quantifiler Human DNA Quantitation Kit on QuantStudio 5. Amplifications : 1) Item 1 and Item 2 were amplified using the Globalfiler Express kit on Proflex PCR System. 2) Item 3 and Item 4 were amplified using the AmpFISTR Globalfiler Casework kit on 9700 GeneAmp PCR System. 3) Item 2 and Item 4 were also amplified using AmpFISTR YFiler kit on 9700 GeneAmp PCR System. Electrophoresis : Capillary electrophoresis on all amplified samples (Globalfiler Express, Globalfiler Casework and YFiler) were carried out on Genetic Analyzer 3500xL. Quality Control : Reagent Blank, Positive Control and Negative Control were carried out along with the analysis and all gave the intended results.
2WZMZL	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).
2XWUUY	NR denotes no results. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the de-convolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.
32MJGV	DYS391 is reported as INC for all samples tested per lab policy.



TABLE 8

WebCode	Additional Comments
3BYWGZ	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.
3C4LHN	Samples sent for Male Screening not typically done in casework. Used for proficiency testing purposes only. Male screening was performed on Item 3 and Item 4 using the Plexor HY quantification kit. stain from suspect's shirt (Item 3): No male DNA was detected on this item utilizing the Plexor HY Quantification kit. stain from towel (Item 4): Male DNA was detected on this item utilizing the Plexor HY Quantification kit.
3LB9N3	Powerplex Fusion and Yfiler amplification kits were used to test item #2 and item #4, and the results were concordant at the DYS391 locus. For all Powerplex Fusion results, DYS391 is reported as INC per laboratory policy.
3MKD2Q	NR = No typing results obtained
3PAJK3	As per [Laboratory] interpretation policies the DYS391 locus in the Fusion kit will be reported as INC.
3QQTJV	Male screening was performed on items 3 and 4 using the Plexor HY quantification kit.
3RGRXT	NR = No result
3RHUG7	Reporting STRmix results with stutter filters on.
463Q22	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
46PVXG	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).
48BNQB	No interpretation - only known samples tested. There are no evidentiary items for comparison at this time. [Laboratory] will retain the mitochondrial DNA profiles for [Laboratory Specific Naming Convention] (Item 1) and [Laboratory Specific Naming Convention] (Item 2) if at any point evidentiary samples should become available for comparison. Item 1 regions analyzed included HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. The only VR differences are 523delA and 524delC. Item 2 regions analyzed included HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. The only VR differences are 523delA and 524delC.
49N9JL	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).
4FZE8C	{ } = imbalanced alleles (peak height ratio <70%)
4L7BQC	Items 3 and 4 were PSA tested to determine extraction method. Both items tested negative for PSA and were extracted as non-differential samples. PSA testing is not part of this proficiency. [Initials] 11/09/2020
4LP6FT	Items 3 and 4 were also amplified using MiniFiler. All alleles were concordant with GlobalFiler.
4NDGEY	Item 4 - Acid phosphatase test inconclusive due to fabric color.
4RZXWJ	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 deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
4WUW6M	Male Screening was performed on Items 3 and 4 using the Plexor HY quantification kit.

TABLE 8

WebCode	Additional Comments
4YD7XK	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).
4ZWTW3	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for plus and minus stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.
63DF3V	Male screening was performed on items 3 and 4 using the Plexor HY quantification kit.
66FMW8	Items 3 and 4 were not tested.
6AGJWZ	Male screening was performed on items 3 and 4 using the Plexor HY quantification kit. Processing was 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 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.
6CL36U	Note: Inclusions and exclusions were conducted by the analyst outside of the STRmix software program. STRmix was used to calculate the following propositions: Item 3: (Victim) Item 1 / Unknown. Item 4: (Suspect) Item 2/ Unknown. NID = No Interpretable Data. Y Screening conducted on samples 3 and 4. Male DNA detected on item 4. Modified RAPID DNA analysis conducted on items 1 and 2.
6FHXDV	Lab-work performed by [Name], DNA Technician. Portal results entry by [Name].
6K9EMZ	Whole mtDNA genome results were obtained for Items 1, 2, 3, and 4, but only HV1 and HV2 were included in the mtDNA results tab as requested by CTS. Below you will find the complete results. Item 1 Range: 1-16569. Item 1: 73G, 146C, 152C, 214G, 235G, 263G, 309.1C, 315.1C, 523del, 524del, 663G, 750G, 1438G, 1736G, 2706G, 2836T, 3744G, 4248C, 4769G, 4824G, 6632C, 7028T, 8027A, 8794T, 8860G, 11719A, 12007A, 12705T, 14766T, 15326G, 16083T, 16111T, 16223T, 16256T, 16290T, 16319A, 16362C. Item 2 Range: 1-10880, 10984-12387, 12455-13570, 13686-16569. Item 2: 73G, 146C, 153G, 235G, 263G, 309.1C, 315.1C, 523del, 524del, 663G, 750G, 1438G, 1736G, 2706G, 4248C, 4769G, 4824G, 7028T, 8027A, 8794T, 8860G, 11653G, 11719A, 12007A, 12705T, 13731G, 14766T, 15326G, 16111T, 16223T, 16290T, 16319A, 16362C. Item 3 Range: 1-16569. Item 3: 73G, 146C, 152C, 214G, 235G, 263G, 309.1C, 315.1C, 523del, 524del, 663G, 750G, 1438G, 1736G, 2706G, 2836T, 3744G, 4248C, 4769G, 4824G, 6632C, 7028T, 8027A, 8794T, 8860G, 11719A, 12007A, 12705T, 14766T, 15326G, 16083T, 16111T, 16223T, 16256T, 16290T, 16319A, 16362C. Item 4 Range: 1-16569. Item 4: 73G, 146C, 153G, 235G, 263G, 309.1C, 315.1C, 523del, 524del, 663G, 750G, 1438G, 1736G, 2706G, 4248C, 4769G, 4824G, 7028T, 8027A, 8794T, 8860G, 11653G, 11719A, 12007A, 12705T, 13731G, 14766T, 15326G, 16111T, 16223T, 16290T, 16319A, 16362C.
6KEK94	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.
6KF9XV	NR in the allele table denotes "no result". This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the de-convolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.

TABLE 8

WebCode	Additional Comments
6KYXY3	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.
6RETRP	NR=no results
6T4DGU	Male screening was performed on Items 3 and 4 using the Plexor HY quantification kit.
6VDD6	Reporting STRmix results with stutter filters on.
6WKJUV	NA = Not Applicable. NR/NE = no result/not expected
6YNFDY	Per laboratory policy, the DYS391 locus tested in PowerPlex Fusion will not be interpreted or reported and will be marked "INC".
6YTQHH	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).
6ZNDUL	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 04. Item 03: No male DNA was detected on this item utilizing the Plexor HY Quantification kit. Item 04: Male DNA was detected on this item utilizing the Plexor HY Quantification kit.
738RXM	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.
74496H	NR = Not reportable
7B3UZX	Reporting results with stutter filters on
7D98NR	Male screening was performed on items 3 and 4 using the Plexor HY quantification kit.
7DULEP	NR = no result
7E29K3	Reporting STRmix results with stutter filters on
7QDDR3	Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. DYS391 is reported as INC for the PowerPlex Fusion System as per laboratory policy.
7W4QTL	NR = No Results. GlobalFiler and YFiler Results were concordant at DYS391 for Items 2 and 4.
7WZ4ET	Extraction: In-situ extraction method was used to extract DNA from Item 1 and Item 2. Chelex extraction method was used to extract DNA from Item 3 and Item 4. Quantification: DNA quantitation for Item 3 and Item 4 were carried out using the Quantifiler Human DNA Quantification kit with Applied Biosystem Real Time Polymerase Chain Reaction (PCR) 7500 system. Amplification: Amplification of STR (Short Tandem Repeat) genetic loci for Item 1 and Item 2 were carried out using the AmpFISTR Identifiler Direct Amplification Kit and Item 3 and Item 4 were amplified using the AmpFISTR Identifiler Plus PCR Amplification Kit. Amplification of Y-STR (Y-Short Tandem Repeat) genetic loci for Item 2 and Item 4 were carried out using the AmpFISTR Y-filer PCR Amplification kit. Electrophoresis: Capillary electrophoresis for Item 1,2,3 and 4 were carried out using the Applied Biosystems 3500xl Genetic Analyzer with GeneMapper ID-X Software. Quality Control: Reagent blank, positive control and negative control were carried out throughout the analysis and all gave intended results.
7YCTPH	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
88XL9T	This analyst was not proficient in serology at this time. Screening tests were not performed.
8A27A8	[Initials] 110520
8BGH7J	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.
8G73AY	This lab does not do Mito or Y-STR testing. Reporting results with stutter filters on.
8KRJRK	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.
8MDHUG	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).
8MT2EE	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).
8NLRKT	The following exhibit was inconclusive for the presence of acid phosphatase due to difficulty in accurately detecting a color change as a result of the substrate color: Item 4.
8QCX2J	Male Screening was performed on items 3 and 4 using the Plexor HY Quantification Kit.
8UBAWJ	Male screening was performed on Items 3 and 4 using the Plexor HY quantification kit.
96NZTR	NA means not applicable. NR/NE means no results/not expected.
98FMXG	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).
9C83CF	The results obtained and presented in this report were generated following lab procedures, however of the results presented here I am not authorised to report the following in casework: AP, P30 and RSID Saliva test.
9GP6GZ	ND = Not Detected.
9GXD98	{ } imbalanced alleles
9JA4KW	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
9KPGDZ	ND=Not detected
9KZEBP	DYS391 is reported as INC for all samples tested per laboratory Power Plex Fusion interpretation policy.
9M4AUR	NA = not applicable. NR/NE = no results/not expected

TABLE 8

WebCode	Additional Comments
9MAEFW	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported."
9Y3XU2	Reporting with stutter filters on
9Y4GAQ	NID = no interpretable data/no result. Y-screening results: Male DNA was not indicated on Item 3. Male DNA was indicated on Item 4. Note: inclusions and exclusions were conducted by the analyst outside of the STRmix software program. STRmix was used, however, to calculate a likelihood ratio on the following propositions: Item 3 1s_U, Item 4 2s_U. Modified Rapid DNA analysis conducted on items 1 and 2
A8XAUP	Y-Screening conducted only. DNA analysis was not performed. Male DNA was not detected on item 3. Male DNA was detected on item 4.
AAH8XL	HT=Hematrace. NR=No result
ABF4XG	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.
AD232D	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).
AEWL6Z	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.
AGD6PU	Male screening was performed on items 3 and 4 using the Plexor HY quantification kit. Male screening preparation and analytical analysis were performed by another analyst and interpretation performed by this analyst. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.
AGV29G	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: No male DNA was detected on this item utilizing the Plexor HY Quantification kit. Item 4: Male DNA was detected on this item utilizing the Plexor HY Quantification kit.
AGW3RU	Any labeled peaks seen in questioned stains (items 3 and 4) that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. In regards to PowerPlex Fusion results, DYS391 is reported as "INC" as per OCME's interpretation policy.
AGZDWD	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).
AHVWZZ	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.

TABLE 8

WebCode	Additional Comments
ALRN7C	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).
AUZEAE	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).
AZBBC4	Reporting with stutter filters on.
B8Q9JM	Male screening was performed on Item 3 and Item 4 using the Plexor HY quantification kit.
B9HAGY	Reporting STRmix results with stutter filters on
BAC3CG	Item 2 was tested in Yfiler and GlobalFiler. Results were concordant at DYS391. Item 4 was tested in Yfiler and GlobalFiler. Results were concordant at DYS391. Item 4 was tested in MiniFiler and GlobalFiler. Results were concordant at all overlapping loci. NR = No Result
BB4DRG	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.
BDBD9G	NR = No results. Fusion, MiniFiler and Yfiler were performed on Item 2 and Item 4. Results were concordant at all overlapping loci.
BKUULC	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).
BREXRU	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
BT7TGN	Male screening was performed on items 3 and 4 using the Plexor HY quantification kit.
BYBRRD	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).
C2Z87F	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.
C4K6AC	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).
C6FTN2	reporting with stutter filters on
CBLH8U	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for plus and minus stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.



TABLE 8

WebCode	Additional Comments
CBQPKN	"NR" in the allele table denotes no results. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the de-convolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.
CFC23X	NR = no results
CFXFMU	NR = No Results. Screening tests were performed by Forensic Biologist. Male Screen results were reviewed by DNA Analyst. Items #1 and #2 were analyzed with GlobalFiler and GlobalFiler Express, with concordant results. Results at DYS391 for items #2 and #4 were concordant between YFiler Plus and GlobalFiler/GlobalFiler Express.
CJCA6M	Extraction: -Item 3 and Item 4 were extracted using Chelex extraction. Quantification: -Item 3 and Item 4 were quantified using Quantifiler Human DNA quantification kit and carried out by 7500 Real Time PCR 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 4 were amplified using AMPFLSTR Y filer Kit on 9700 Geneamp PCR System. Electrophoresis: -The electrophoresis process was carried out by Genetic Analyser 3500xl for Item 1, Item 2, Item 3 and Item 4. Quality Control: Reagent blank, positive control and negative control were carried out along with the analysis and all gave the intended results.
CJKX6E	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.
CKQPMU	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.
CL6W9B	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).
CLZL4R	DYS391 is reported as INC for all samples tested in Powerplex Fusion 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.
CPYYQH	NR = no result
CRATUW	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.
CRFZ8Q	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
CVEERV	GMIDX analysis was performed with stutter filters on. This laboratory does not perform Y-STR or mitochondrial DNA analysis.
CWPDPF	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.

TABLE 8

WebCode	Additional Comments
CYDPNU	Y-STR and mitochondrial DNA analyses not performed at this laboratory. Analysis performed with stutter filters on.
D6CP8V	Reporting STRmix results with stutter filters on
D9A3B9	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).
DCU49F	All samples tested were tested with both Fusion and YFiler kits. All samples were concordant at overlapping locus DYS391 between kits.
DDLC2G	NR=NO RESULTS
DHYQ9V	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.
DJAW6W	reporting with stutter filters on
DTEPUR	Reporting results with stutter filters on.
DV3GLN	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.
DXTHRC	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).
DY72M3	{ } = imbalanced alleles
E4H9ZT	NR denotes no results obtained. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the de-convolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.
E6QGTK	Extraction: Item 1 and Item 2 were extracted by using the in-situ method. Item 3 and Item 4 were extracted by using the Chelex extraction method. Quantification: Item 3 and Item 4 were quantified using the Quantifiler™ Human DNA Quantification Kit on the Applied Biosystems™ 7500 Real-Time PCR Systems. Amplification: Item 1 and Item 2 were amplified using the AmpFLSTR™ Identifiler™ Direct and YFiler™ PCR Amplification Kits on the Applied Biosystems™ GeneAmp™ PCR System 9700. Item 3 and Item 4 were amplified using the AmpFLSTR™ Identifiler™ Plus and YFiler™ PCR Amplification Kits on the Applied Biosystems™ GeneAmp™ PCR System 9700. Electrophoresis: Electrophoresis was carried out on Applied Biosystems™ 3500XL Genetic Analyzer and the data were analyzed with GeneMapper® ID-X v1.5 software. Quality Control: Reagent Blank, Positive Control and Negative Control were included throughout the analysis, and all gave intended results.
E7HF8J	Not tested reported as NA. No Result/None Expected reported as NR/NE
E7NQXN	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
E9RLGQ	Screening tests performed by Forensic Biologist. DNA analyst interpreted male screen results. NR= No results



TABLE 8

WebCode	Additional Comments
EAYVJW	Reporting with stutter filters on
EBTKMP	reporting results with stutter filters on
ECE3YC	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.
EEYRJP	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
EPTM3C	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: No male DNA was detected on this item utilizing the Plexor HY Quantification kit. Item 4: Male DNA was detected on this item utilizing the Plexor HY Quantification kit.
ER4BUN	NR = No result
EVZVNM	NR/NE = No results/ Not expected. NA = Not Applicable
F6MCQL	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
F9H32Y	No interpretation - only known samples tested. There are no evidentiary items for comparison at this time. [Laboratory] will retain the mitochondrial DNA profiles for [Laboratory Specific Naming Convention] (Item 1) and [Laboratory Specific Naming Convention] (Item 2) if at any point evidentiary samples should become available for comparison. Item 1 regions analyzed included HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. The only VR differences are 523delA and 524delC. Item 2 regions analyzed included HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. The only VR differences are 523delA and 524delC.
F9N8LH	Male screening was performed on item 3 (Questioned stain from suspect's shirt (yellow)) and item 4 (Questioned stain from towel (blue)) using the Plexor HY quantification kit.
FDVXNN	Removed stutter/n+4 artifacts for CTS profile entries.
FEDXVK	NR=no results. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the de-convolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.
FGHF79	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).
FJF4CH	For items 2 and 4. YSTR locus DYF387S1 - there may be either a primer binding site mutation or tri-allelism (i.e. 36,37,37) based on the peak height discordance at that locus.
FJNX7P	Male screening was performed on item 3 (stain from suspect's shirt) and item 4 (stain from towel) using the Plexor HY quantification kit. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.

TABLE 8

WebCode	Additional Comments
FM9PF8	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).
FPFYVJ	NID = No Interpretable Data. All inclusions and exclusions were conducted by the analyst outside of the STRmix software program. STRmix was used, however to calculate a likelihood ratio on the following propositions: Item 3 - 1s_U and Item 4 - 2s_U. Additionally, Items 1 and 2 were extracted, amplified, and separated using Rapid DNA technology. Specifically the RapidHIT ID System utilizing the ACE GlobalFiler Express Cartridge.
FPTNLP	For powerplex fusion results, DYS391 is reported as INC, as per our laboratory policy. Any labeled peaks that are likely due to PCR artifacts were not reported and will not be used for conclusions or comparisons.
FYGJVQ	NR = No Result. Concordant results achieved between amplification kits at the DYS391 locus. All screening tests in Part I [Table 1] performed by a qualified Forensic Biologist. The DNA analyst interpreted and reviewed the results from the "Male Screen" procedure listed in Part I [Table 1].
GAQPWJ	Body fluid identification only. Amylase diffusion is a presumptive test for amylase, an enzyme found in body fluids, including saliva.
GAWTYA	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.
GCGQ38	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).
GDCEGV	Reporting with stutter filters on.
HB224M	DYS391 is reported as INC as per lab interpretation policy for the PowerPlex Fusion kit. Additional peaks detected in item 3 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.
HB6C97	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).
HDR7XJ	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
HDUN8B	Y-STRs and mtDNA is not completed at the [Laboratory].
HFVXTD	NR = No result
HJ2ZEA	Lab work to include: serology, extraction, quant, amp, and CE performed by [Name]. Interpretation performed by another analyst.
HK7YZ3	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).
HKRDNF	Male screening was performed on Items 3 and 4 using the Plexor HY quantification kit.

TABLE 8

WebCode	Additional Comments
HT4KEG	This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results. NR = No Results
HUG2L4	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).
HW8FXK	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
HXEKPM	Interpretation-only was performed for male screening, autosomal DNA, and Y-STR analyses. Male screening was performed on Item 3 and Item 4 using the Plexor HY quantification kit. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.
JHECWD	NR/NE = NO RESULTS/NOT EXPECTED. NA = NOT APPLICABLE
JPWHTK	Extraction: -Item 1 and Item 2 were extracted using in-situ method. -Item 3 and Item 4 was extracted using the 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 GlobalFiler Express PCR Amplification Kit on ABI ProFlex PCR System. -Item 3 and Item 4 were amplified using GlobalFiler PCR Amplification Kit ABI GeneAmp PCR System 9700. -Item 2 and Item 4 were further amplified using AmFISTR Y-Filer PCR Amplification Kit on ABI GeneAmp PCR System 9700. Electrophoresis: -Electrophoresis was carried out on Genetic Analyzer 3500xL for Item 1, Item 2 (GlobalFiler Express), Item 3 and Item 4 (GlobalFiler). -Electrophoresis was also carried out on Genetic Analyzer 3500xl for Item 2 and Item 4(Y-Filer). Quality Control: Reagent blank, Positive Control and Negative Control were carried out through analysis and all gave intended results.
JPZ9WM	Screening Tests (Part I) were done by a Forensic Biologist. Item #1 and Item #2 were done with both GlobalFiler and GlobalFiler Express STR DNA amplification kits. The results were concordant. NR = No results.
JR6TRA	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.
JTLQE8	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.
JYC2N7	NR = Not reportable
K26X22	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
K2WCZF	NR = No Results. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the de-convolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.
K68J3F	NR/NE = No Results/Not Expected. NA = Not Applicable
K7L4VQ	reporting with stutter filters on
KMQFKU	No interpretation - only known samples tested. There are no evidentiary items for comparison at this time. [Laboratory] will retain the mitochondrial DNA profiles for [Laboratory Specific Naming Convention] (Item 1) and [Laboratory Specific Naming Convention] (Item 2) if at any point evidentiary samples should become available for comparison. Item 1 regions analyzed included HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. The only VR differences are 523delA and 524delC. Item 2 regions analyzed included HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. The only VR differences are 523delA and 524delC.
KPWVZD	Male screening was performed on items 03 and 04 using the Plexor HY quantification kit.
KWF847	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.
KY6DLH	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
KZVTLR	Reporting with stutter filters on.
L7VGUJ	Any labeled peaks seen in samples that are likely due to PCR STR artifacts were not reported and will not be used for conclusions and comparisons. DYS391 is reported as INC for the PowerPlex@ Fusion System as per laboratory policy.
L94P2H	Reporting results with stutter filters on.
LETXR4	The answers in the 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).
LGE23M	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.
LHDZJA	Y-STR and mtDNA testing are not performed at the [Laboratory]. No additional loci were tested.
LNEBK9	N/R indicates no result
LNXAH7	Interpretation of DNA data only
LTQCPC	Male screening was performed on items 3 and 4 using the Plexor HY quantification kit.
M4A6GY	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
M7T336	Male screening was performed on item 3(neg for male DNA) and item 4 (pos for male DNA) using the Plexor HY quantification kit.
M7U4LG	* Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. * DYS391 is reported as INC for the PowerPlex® Fusion System as per laboratory policy
M89GCV	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).
MT66VE	Extraction: -Item 1 and Item 2 were extracted using direct method. -Item 3 and Item 4 was extracted using Promega DNA IQ kit via TECAN FREEDOM EVO 150. Quantitation: -Item 3 and Item 4 were quantified using Quantifiler Human Quantification Kit via QS5 system. Amplification: -Item 1 and Item 2 were amplified using GlobalFiler Express on PROFLEX PCR System. -Item 3 and Item 4 were amplified using GlobalFiler on 9700 GeneAmp PCR system. -Item 2 and Item 4 were amplified using AMPFLSTR Y-Filer Kit on 9700 GeneAmp PCR System. Electrophoresis: -All electrophoresis were carried out using Genetic Analyzer 3500xL. Quality Control: -Reagent blank, Positive Control and Negative Control carried out throughout the analysis all gave intended results.
N4MYUE	The test for acid phosphatase was inconclusive for item 2 due to substrate color.
NFT8CW	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).
NKN2AX	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).
NQCLDD	The laboratory does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests.
NQX9Z3	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.
NRRUH8	NR= No results obtained at this locus
NXDXBV	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).
P2RVGX	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).
P3MHT2	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: No male DNA was detected on this item utilizing the Plexor HY Quantification kit. Item 4: Male DNA was detected on this item utilizing the Plexor HY Quantification kit.

TABLE 8

WebCode	Additional Comments
P9BYNZ	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).
PDTAPB	This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the de-convolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results. NR= No results
PG4FRB	NA = not applicable/not amplified. NR/NE = no result/not expected
PHVE79	DYS391 location in Fusion was deemed inconclusive per laboratory protocol. Length heteroplasmy present in the HVII region for all of the four items tested.
PK4KUV	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).
PLX4XH	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.
PTH73Y	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).
PXWUPG	NR=No results. Serological Screening performed by a Forensic Biologist. Male screen interpretations performed by DNA analyst. Knowns and Qs processed by DNA analysts and 2nd time by technician. All samples analyzed by DNA analyst. Results for samples processed by technician and analyst were concordant. For Globalfiler and Yfiler Plus: results at <i>DYS391</i> were concordant where results were achieved.
PY8WD2	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 ( <i>DYS391</i> , <i>DYS570</i> and <i>DYS576</i> ) 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.
Q4EYH4	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.
Q9RKL9	NR=no results. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the de-convolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.
QBW87Z	Male screening was performed on items 3 and 4 using the Plexor HY quantification kit.



TABLE 8

WebCode	Additional Comments
QCN84B	Extraction: Item 1 and Item 2 were extracted using in situ method. Item 3 and Item 4 were extracted using Promega DNA IQ purification kit via Tecan Freedom EVO 150 HID Evolution Platform. Quantification: Item 3 and Item 4 were quantified using ABI Quantifiler Human DNA Quantification Kit on ABI QuantStudio 5 Real-Time PCR System. Amplification: Item 1 and Item 2 were amplified using Globalfiler Express Kit on ABI Proflex PCR system. Item 3 and Item 4 were amplified using Globalfiler Amplification Kit on ABI GeneAmp PCR System 9700. Item 2 and Item 4 were also amplified using AmpFISTR Y-Filer PCR Amplification Kit on ABI GeneAmp PCR System 9700. Electrophoresis: Electrophoresis was carried out on ABI 3500xL Genetic Analyzer for Item 1 and Item 2 (Globalfiler Express) and Item 3 and Item 4 (Globalfiler). Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 2 and Item 4 (Y-Filer). Quality Control: Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave intended results. NM: Non-male allele.
QEVP37	DYS391 is reported as INC for all samples tested using PowerPlex® fusion kit per laboratory policy. Any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
QFTQD6	NR=No results
QPBDFE	reporting results with stutter filters on
QQT3C	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
QVG2Y8	Male screening was performed on items 03 and 04 using the Plexor HY quantification kit.
QVQPP2	Analyst was provided data and made comparisons and conclusions.
QXCMTX	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).
R4UCQD	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
R6L9E8	Male screening was performed on Items 3 and 4 using the Plexor HY quantification kit.
R73E4X	The results obtained and presented in this report were generated following laboratory procedures, however of the results presented here I am not authorised to report the following in casework: HT, p30
R7DEMK	Items 3 and 4 were not processed for STR analysis. Items 1 and 2 were processed for STR database purposes only. Items 1 through 4 were processed for mtDNA analysis. A serological evaluation was not performed on Items 3 and 4 as it is not necessary to determine the method of processing for mtDNA analysis.
R7EACH	Reporting STRmix results with stutter filters on.
RB94AJ	Reporting STRmix results with stutter filters on
RFM2G7	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.
RMQPQY	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.

TABLE 8

WebCode	Additional Comments
RPGV9B	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
RQ7B8K	Reporting with stutter filters on
RRLMX4	This laboratory does not perform YSTR testing.
RUJZP9	NR/NE= NO RESULTS/NOT EXPECTED. NA=NOT APPLICABLE
RZRKL7	Y-screening conducted only. DNA analysis was not performed. Male DNA not detected in Item 3. Male DNA was detected in Item 4.
T3DK9F	reporting STRmix with stutter filters on
T6EQLZ	NR = no result detected
TCJKN9	Exhs. 3 and 4: AP inc. due to the failure of an associated negative control sample
TFNYKF	Forensic Biologist performed all screening tests. DNA analyst reviewed and interpreted the male screen results. NR = No Results
TGBR7H	Reporting with stutter filters on.
TP4ZQ9	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).
TQXV64	As per [Laboratory] protocol, DYS391 is deemed INC.
TTQHAT	DNA interpretations not reported, only Items 1 and 2 processed for casework batch reference sample proficiency. Biology screening only performed on Items 3 and 4.
TVTP37	1. Item 1 and Item 2 were extracted using in-situ method while Item 3 and Item 4 were extracted using chelex extraction method. 2. Item 3 and Item 4 were quantified using Quantifiler Human DNA Quantification Kit on the Applied Biosystem Real Time Polymerase Chain Reaction (PCR) 7500 System. 3. Item 1 and Item 2 were amplified using AmpFISTR Identifier Direct PCR Amplification Kit while Item 3 and Item 4 were amplified using AmpFISTR Identifier Plus Amplification Kit on 9700 GeneAmp PCR system. YSTR (Y- Short Tandem Repeat) amplification was carried out on Item 2 and Item 4 using AmpFISTR Y-filer PCR Amplification Kit on the 9700 GeneAmp PCR system. 4. Electrophoresis was carried out on the Applied Biosystem 3500xl Genetic Analyzer with GeneMapper ID-X software for Item 1, Item 2, Item 3 and Item 4. 5. Reagent blank, positive control and negative control were analysed throughout the analysis and all gave the intended results.
TVZD4X	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.
TXLC8U	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).
TYAUZF	Serology only.
TZP9AB	Reporting with stutter filters on.
U6ATNA	DYS391 is reported as INC for Powerplex Fusion results as per lab policy. Any labeled peaks that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons
U83FRY	Y-STRs and mitochondrial DNA is not done in this laboratory. Therefore, these sections were left blank on this CTS form.



TABLE 8

WebCode	Additional Comments
UME3U2	NR= No results. No male DNA was detected at quantitation for items 1 and 3; therefore, these items were not examined using YFiler Plus Amplification kit. In YFiler Plus results, I observed peak height imbalance at DYS387S1 locus for items 2 and 4.
V76QG3	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.
V9AANB	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.
V9FH26	NR denotes "no results". This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the de-convolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.
VCC3U3	* Any labeled peaks seen in samples that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. * DYS391 is reported as INC for the PowerPlex® Fusion System as per laboratory policy
VDHKTY	NR = no DNA results
VDNR48	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.
VEGPCD	Reporting STRmix results with stutter filters on
VFXNXC	NR=No Result. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the de-convolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.
VL6GR8	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
VPELDF	reporting with stutter filters on
VPZ9Z4	NR= No Results. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the de-convolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.

TABLE 8

WebCode	Additional Comments
VQA887	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.
VT24VZ	NR = No results
VU9H37	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.
WV3DG3	DYS391 is reported as INC for all 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.
VX8Y99	Reporting results with stutter filters on.
W4T934	Item 4: Blood was presumptively detected. This test alone does not confirm the presence of blood.
W8C7N9	Whole genome results were obtained for all items, but only HV1/HV2 results were included in the mtDNA results tab as requested by CTS. Below you will find the complete results: Item 1 (1-16569): 73G, 146C, 152C, 214G, 235G, 263G, 309.1C, 315.1C, 523del, 524del, 663G, 750G, 1438G, 1736G, 2706G, 2836T, 3744G, 4248C, 4769G, 4824G, 6632C, 7028T, 8027A, 8794T, 8860G, 11719A, 12007A, 12705T, 14766T, 15326G, 16083T, 16111T, 16223T, 16256T, 16290T, 16319A, 16362C. Item 2 (1-12429, 12439-16569): 73G, 146C, 153G, 235G, 263G, 309.1C, 315.1C, 523del, 524del, 663G, 750G, 1438G, 1736G, 2706G, 4248C, 4769G, 4824G, 7028T, 8027A, 8794T, 8860G, 11653G, 11719A, 12007A, 12705T, 13731G, 14766T, 15326G, 16111T, 16223T, 16290T, 16319A, 16362C. Item 3 (1-16569): 73G, 146C, 152C, 214G, 235G, 263G, 309.1C, 315.1C, 523del, 524del, 663G, 750G, 1438G, 1736G, 2706G, 2836T, 3744G, 4248C, 4769G, 4824G, 6632C, 7028T, 8027A, 8794T, 8860G, 11719A, 12007A, 12705T, 14766T, 15326G, 16083T, 16111T, 16223T, 16256T, 16290T, 16319A, 16362C. Item 4 (1-16569): 73G, 146C, 153G, 235G, 263G, 309.1C, 315.1C, 523del, 524del, 663G, 750G, 1438G, 1736G, 2706G, 4248C, 4769G, 4824G, 7028T, 8027A, 8794T, 8860G, 11653G, 11719A, 12007A, 12705T, 13731G, 14766T, 15326G, 16111T, 16223T, 16290T, 16319A, 16362C.
W8FQKN	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).
W9N3Z6	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).
WEVPR9	Item 3 and Item 4 were cut and Male screening was performed using the Plexor HY quantification kit by another analyst.
WEWAQA	NR = No Results. Male screen lab work performed by qualified forensic biologist, interpreted by reporting analyst. KM screen performed by reporting analyst. DYS391 concordant between Yfiler Plus and GlobalFiler.
WKK74Y	NR = no results
WU9XTC	Male screening was performed on items 3 and 4 using the Plexor HY quantification kit.

TABLE 8

WebCode	Additional Comments
WY3YR6	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.
WZT8R9	Peak Height Ratio for DYF387S1 were 42% for Item 2.1 and 41% for Item 4.1
X26X4X	NR = No Results
X2ZLYE	A serological evaluation was not performed on items 3 and 4 as it is not necessary in order to determine the method of processing for mtDNA analysis.
X32HNC	Item 4 Globalfiler results at D8S1179 included additional data (a 10 at 101 RFU).
X7DPMV	NR = No Result
X93V68	Any labeled peaks seen in samples obtained from item 3 and 4 that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons. As per lab policy, DYS391 is reported as inconclusive for analysis in Fusion.
XDJZD3	NR = No results. This laboratory does not generate an allele table for the evidence sample results. Therefore this procedure is used only for reporting results for this proficiency test. Evidence results were interpreted using a probabilistic genotyping approach. With probabilistic genotyping analysis, peaks in stutter position are considered as either allelic or stutter during the de-convolution of samples. This sometimes results in true stutter peaks reported as possible alleles, which would not affect the overall interpretation of the results.
XDJKR7	reporting results with stutter filters on
XGWWN7	Results reported with stutter filters on
XHUZN9	Male screening was performed on Item 3 and Item 4 using the Plexor HY quantification kit. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.
XJL9MB	Reporting STRmix results with stutter filters on
XLN9GG	{ } = imbalanced alleles. NR = No Results. * = locus contains allele(s) below stochastic threshold.
XPQAJY	NR/NE = no results/not expected. NA = not tested
XRHWMN	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).
XTTX9M	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).
XUHDBH	Items 3 and 4 were PSA tested to determine the correct extraction method. Both samples tested PSA negative. [Initials] 11.05.20
XUNGDA	STRmix genotyping probability software was used to determine possible genotype combinations. No stutter filters are used when using this software and it is recognized that some stutter peaks can be recognized as true peaks.

TABLE 8

WebCode	Additional Comments
XZEQM8	Male screening was performed on items 3 and 4 using the Plexor HY quantification kit. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.
Y4DHE6	NR = no result.
Y4NGCY	Y-screening conducted only on items 3 and 4. Male DNA was detected on item 4. Male DNA was not detected on item 3.
Y8CTB6	NR = No Results
YCVELV	NR = No results obtained for this locus
YKQDD6	Reporting results with stutter filters on.
YKWB6U	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.
YMJ6RW	NR-no interpretable results
YP8LV3	Differential extractions were not performed. Therefore complete lysis of the sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
YQZB6X	NR = No Results
YRT8R7	Per laboratory interpretation policy, DYS391 (in Fusion results) is marked as INC and will not be used for any comparisons or conclusions.
YUHL89	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 maybe have been given weight during the development of the genotype probability distribution table.
ZABHZQ	Male screening was performed on items 3 and 4 using the Plexor HY quantification Kit.
ZB4EMY	**Analysis performed by a DNA Technician; therefore, no interpretation performed.
ZKRD84	NR = no results
ZR9WG6	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.
ZZLPUL	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).

-End of Report-  
(Appendix may follow)

Collaborative Testing Services ~ Forensic Testing Program

**Test No. 20-5705: Forensic Biology**

DATA MUST BE SUBMITTED BY **Nov. 9, 2020, 11:59 p.m.** TO BE INCLUDED IN THE REPORT

Participant Code: U1234F

WebCode: W6UTGR

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

**Scenario:**

Police are investigating the murder of a female victim. The victim was found at home by her girlfriend. Police are considering the landlord as a suspect because a neighbor witnessed him enter the apartment the night prior just before hearing a loud argument. Investigators are submitting a stain from a shirt (Item 3) found in the suspect's home and a stain from a towel (Item 4) found in the victim's bathroom. Also collected were known blood samples from the female victim (Item 1) and the male suspect (Item 2).

**Items Submitted (Sample Pack B5):**

Item 1: Known blood from the female victim

Item 2: Known blood from the male suspect

Item 3: Questioned stain from suspect's shirt (yellow)

Item 4: Questioned stain from towel (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 style="width: 100px;" 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 style="width: 100px;" 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"/>
	<b>Base Pair - Dev</b>	<b>Base Pair - Dev</b>	<b>Base Pair - Dev</b>	<b>Base Pair - Dev</b>
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"/>
	<b>Base Pair - Dev</b>	<b>Base Pair - Dev</b>	<b>Base Pair - Dev</b>	<b>Base Pair - Dev</b>
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)