



Forensic Biology Test No. 18-5705 Summary Report

Each participant received a sample pack consisting of two known bloodstains and two questioned stains which they were requested to analyze using their existing protocols. Data were returned from 661 participants and are compiled into the following tables:

	<u>Page</u>
<u>Manufacturer's Information</u>	<u>2</u>
<u>Summary Comments</u>	<u>5</u>
<u>Key to Screening Results</u>	<u>6</u>
<u>Table 1: Serology Screening Results</u>	<u>7</u>
<u>Table 2: STR Amplification Kit(s) & Results</u>	<u>58</u>
<u>Table 3: YSTR Amplification Kit(s) & Results</u>	<u>404</u>
<u>Table 4: Additional DNA Results</u>	<u>461</u>
<u>Table 5: Mitochondrial DNA Results, HVRI</u>	<u>462</u>
<u>Table 6: Mitochondrial DNA Results, HVRII</u>	<u>467</u>
<u>Table 7: DNA Interpretations</u>	<u>472</u>
<u>Table 8: Additional Comments</u>	<u>486</u>
<u>Appendix: Data Sheet</u>	

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

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

Manufacturer's Information

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

SAMPLE PREPARATION: The stains on Items 1, 2, 3, and 4 were prepared using human whole blood which was either drawn into citric acid preservative bags or EDTA tubes. Item 1 (75 μ l) was created using blood collected from a male donor. Items 2 (75 μ l) and 3 (50 μ l) were created using blood collected from the same female donor. Item 4 (50 μ l) was created using blood collected from a male donor, different from the donor used for Item 1. 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 4, 2018 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: Laboratories that conducted predistribution analysis of the samples reported consistent results and associations.

Manufacturer's Information, continued

<i>Amelogenin and STR Results</i>						
<i>Results compiled from predistribution laboratories and a consensus of at least 10 participants.</i>						
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
1	15,3,17	19,19	11,11	15,18	12,12	12,17
	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17	2	
2	16,16	22,25	10,11	18,18	12,13	12,12
	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18	NM	NM	NM	NM	
3	16,16	22,25	10,11	18,18	12,13	12,12
	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18	NM	NM	NM	NM	
4	12,15	23,25	10,14	16,17	12,13	11,12
	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	19	2	

<i>YSTR Results</i>									
<i>Results compiled from predistribution laboratories and a consensus of at least 10 participants.</i>									
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
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11	12	14	17	20	21	12	10
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13	12	18	19	22	23	10	11

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

Manufacturer's Information, continued

Mitochondrial DNA Sequencing Results

Nucleotide Ranges Tested

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

<u>Item</u>	<u>HVR-II</u>	<u>HVR-I</u>
1	63-393	16024-16390
2	61-392	16024-16377
3	62-369	16024-16387
4	63-369	16024-16386

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	93.0	146.0	150.0	152.0	182.0	195.0	198.0	263.0	315.1	325.0	16223.0	16278.0	16390.0
ITEM 1	G	G	C	T	C	T	C	T	G	C	T	T	T	A

	73.0	263.0	315.1	16126.0	16294.0	16296.0	16304.0
ITEM 2	G	G	C	C	T	T	C

	73.0	263.0	315.1	16126.0	16294.0	16296.0	16304.0
ITEM 3	G	G	C	C	T	T	C

	73.0	185.0	188.0	228.0	263.0	295.0	315.1	16069.0	16126.0
ITEM 4	G	A	G	A	G	T	C	T	C

Summary Comments

The 18-5705 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). Item 1 was created using blood from a male donor. Items 2 and 3 were each created using blood from the same female donor. Item 4 was created using blood from a male donor, different from the blood donor used for Item 1. (See Manufacturer's Information for preparation details)

Data were returned by 661 participants.

Screening Test Results:

Screening results were returned by a total of 593 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 of the 588 participants that returned results reported "Positive" for the presence of blood. For the presence of semen, all 301 participants that returned results reported "Negative". All of the 119 participants that returned results for saliva reported "Negative" results.

For Item 4, all of the 588 participants that returned results reported "Positive" for the presence of blood. For the presence of semen, all 301 participants that returned results reported "Negative" results. All but one of the 114 participants that returned results for saliva, reported "Negative" results. This one participant reported "Inconclusive" results.

DNA Analysis Results:

Of the 661 participants that returned results, 596 reported DNA interpretations. Twenty-three participants stated that the samples were only analyzed for database purposes and two selected the "No Interpretations" option individually for all of the Interpretation questions.

Seventeen participants reported allelic results that differed from consensus/predistribution results for one or more items. Most of these participants reported an additional allele at one or more loci. Based on the interpretations below, these inconsistencies did not appear to affect these participants' conclusions.

For the Item 3 stain, all 596 participants that reported interpretations excluded the victim (Item 1) as a possible contributor. In regards to the suspect's (Item 2) contribution to the Item 3 stain, all participants included the suspect (Item 2).

For the Item 4 stain, all 596 participants that reported interpretations excluded the victim (Item 1) and the suspect (Item 2) as possible contributors.

A total of 193 participants reported the use of probabilistic genotyping (PG) software. There were several types of software used. However, the genotyping software STRmix was reported most frequently by participants. Of the participants utilizing a PG software, eleven reported additional alleles at DYS570, DYS576 and/or DYS391 for Item 4. All of these participants explained that per their laboratory protocol, all peaks above their analytical threshold (allelic or stutter) would be reported.

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	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
22DA8Y					
Item 3	Pos	TMB			
Item 4	Pos	TMB			
24WVJN					
Item 3	Pos	LMG, HT	NT	NT	
Item 4	Pos	LMG, HT	NT	NT	
26D7FZ					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
26V2W2					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
2A2Q4N					
Item 3	Pos	KM, ABA card	NT	NT	
Item 4	Pos	KM, ABA card	NT	NT	
2AEG9L					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
2D7P6M					
Item 3	Pos	TMB, Hema	Neg AP, PSA, Micro	Neg Amy	
Item 4	Pos	TMB, Hema	Neg AP, PSA, Micro	Neg Amy	
2D7RR7					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
2EXBCE					
Item 3	Pos	KM	Neg PSA	Neg Amylase	
Item 4	Pos	KM	Neg PSA	Neg Amylase	
2FCRV8					
Item 3	Pos	TMB, Takayama, HemaTrace	NT	NT	
Item 4	Pos	TMB, Takayama, HemaTrace	NT	NT	
2G8VH8					
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
2KQH69					
Item 3	Pos	KM, Luminol, Hemdirect, Takayama	Neg ALS, AP		NT
Item 4	Pos	KM	Neg AP		NT
2LJXAV					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
2MDXEF					
Item 3	Pos	TMB	Neg ALS, AP		NT
Item 4	Pos	TMB	Neg ALS, AP		NT
2N6MQ2					
Item 3	Pos	PTMB, HemaTrace	Neg AP, PSA	Neg Amylase (Phadebas tablet)	urine, Neg Uritrace
Item 4	Pos	PTMB, HemaTrace	Neg AP, PSA	Neg Amylase (Phadebas tablet)	urine, Neg Uritrace
2N96QL					
Item 3	Pos	KM, Hemdirect	Neg AP		NT
Item 4	Pos	KM, Hemdirect	Neg AP		NT
2U6C6F					
Item 3	Pos	KM	Neg ALS, AP, Micro, PSA	Neg Amylase by radial Diffusion	Y-screening, Neg alkaline lysis
Item 4	Pos	KM	Neg ALS, AP, Micro, PSA	Neg Amylase by radial Diffusion	Y-screening, Pos alkaline lysis
2V6NRB					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
2V7BCU					
Item 3	Pos	KM, HemaTrace	Neg AP		NT
Item 4	Pos	KM, HemaTrace	Neg AP		NT
2WGBFG					
Item 3	Pos	Visual, Luminol, Phenolphthalin, Takayama	Neg ALS, AP, Micro	Neg Amylase Diffusion	
Item 4	Pos	Visual, Luminol, Phenolphthalin, Takayama, HemDirect	Neg ALS, AP, Micro	Neg Amylase Diffusion	
2XBUJ4					
Item 3	Pos	LMG, HemaTrace	Neg AP		NT
Item 4	Pos	LMG, HemaTrace	Neg AP		NT
2Y4DBA					
Item 3	Pos	KM, Takayama	Neg AP		NT
Item 4	Pos	KM, Takayama	Neg AP		NT

TABLE 1

Webcode	Fluid ID						
	Item	Blood	Semen	Saliva	Other		
2Y73HR							
Item 3	Pos	KM	NT	NT			
Item 4	Pos	KM	NT	NT			
2YPUM6							
Item 3	Pos	KM	NT	NT			
Item 4	Pos	KM	NT	NT			
2YXQH4							
Item 3	Pos	LMG	NT	NT			
Item 4	Pos	LMG	NT	NT			
2ZUZQD							
Item 3	Pos	KM	NT	NT			
Item 4	Pos	KM	NT	NT			
39FMXU							
Item 3	Pos	Hemastix	Neg	Brentamine			
Item 4	Pos	Hemastix	Neg	Brentamine			
3AABGQ							
Item 3	Pos	LMG	NT	NT			
Item 4	Pos	LMG	NT	NT			
3ACZLM							
Item 3	Pos	LMG, HemaTrace	Neg	PSA, Micro	NT		
Item 4	Pos	LMG, HemaTrace	Neg	PSA, Micro	NT		
3AK2N3							
Item 3	Pos	KM, HemaTrace	Neg	AP, Seratec	NT		
Item 4	Pos	KM, HemaTrace	Neg	AP, Seratec	NT		
3BB86T							
Item 3	Pos	KM	NT	NT			
Item 4	Pos	KM	NT	NT			
3BCKMZ							
Item 3	Pos	PTMB	NT	NT			
Item 4	Pos	PTMB	NT	NT			
3BZLUC							
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
3CMX2P							
Item 3	Pos	KM, TMB	NT	NT			
Item 4	Pos	KM, TMB	NT	NT			

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
3D8WQF					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
3DK3YX					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
3F9J96					
Item 3	Pos	KM, TMB, HemaTrace	Neg ALS, AP, Micro	NT	
Item 4	Pos	KM, TMB, HemaTrace	Neg ALS, AP, Micro	NT	
3FQNMX					
Item 3	Pos	KM, Seratec Hemdirect	NT	NT	
Item 4	Pos	KM, Seratec Hemdirect	NT	NT	
3J49EQ					
Item 3	Pos	KM, TMB	NT	NT	
Item 4	Pos	KM, TMB	NT	NT	
3M4HKL					
Item 3	Pos	LMG, HT	NT	NT	
Item 4	Pos	LMG, HT	NT	NT	
3N2W7J					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
3R26BU					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
3VFNBX					
Item 3	Pos	TMB	NT	NT	
Item 4	Pos	TMB	NT	NT	
3WC6GT					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
3WDET6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
3XTT6K					
Item 3	Pos	KM, HemDirect	Neg Micro, PSA, AP, ALS	NT	
Item 4	Pos	KM, HemDirect	Neg Micro, PSA, AP, ALS	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
3YH4XY					
Item 3	Pos	PTMB, HemaTrace	Neg ALS, AP, PSA	Neg Phadebus Tablet	Urine, Neg Uritrace
Item 4	Pos	PTMB	Neg ALS, AP		
3ZXZAD					
Item 3	Pos	TMB	Neg AP, ALS	NT	
Item 4	Pos	TMB	Neg AP, ALS	NT	
44K78L					
Item 3	Pos	KM, HemaTrace			
Item 4	Pos	KM, HemaTrace			
492NBP					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
494K9K					
Item 3	Pos	TMB	NT	NT	
Item 4	Pos	TMB	NT	NT	
49NMX4					
Item 3	Pos	KM, Takayama, HemaTrace	Neg AP	Neg RSID Saliva	Human Origin, Pos HemaTrace, PowerQuant
Item 4	Pos	KM, Takayama, HemaTrace	Neg AP	Neg RSID Saliva	Human Origin, Pos HemaTrace, PowerQuant
4BVL6V					
Item 3	Pos	O-tol	Neg AP	NT	
Item 4	Pos	O-tol	Neg AP	NT	
4C6CYR					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
4F82QZ					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
4FMQ6R					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
4HVVH9					
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
4J8AUB					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	
4JYE9P					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
4L44BY					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
4L8G6M					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg Phadebas	
4LNV8Q					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
4M6X8C					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
4NBCJJ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
4NKG3					
Item 3	Pos	KM, O-tol, RSID-Blood, HemaTrace	NT	NT	
Item 4	Pos	KM, O-tol, RSID-Blood, HemaTrace	NT	NT	
4Q46UU					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
4QHNBT					
Item 3	Pos	Hexagon obti (anti -hHb)	Neg AP, PSA	Neg Phadebas	
Item 4	Pos	Hexagon obti (anti -hHb)	Neg AP, PSA	Neg Phadebas	
4RDBWW					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg Phadebas	
4RU8MB					
Item 3	Pos	HEXAGON OBTI	NT	Neg RSID Saliva	
Item 4	Pos	HEXAGON OBTI	NT	Neg RSID Saliva	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
4TBCDM					
Item 3	Pos	KM	NT	NT	Human Origin, Pos HemaTrace
Item 4	Pos	KM	NT	NT	Human Origin, Pos HemaTrace
4Z7L8R					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
4ZCGAD					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, Micro, p30	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP, Micro, p30	NT	
68PHW7					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
69K2WL					
Item 3	Pos	KM, Hemedirect	Neg AP	NT	
Item 4	Pos	KM, Hemedirect	Neg AP	NT	
6B2WFY					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
6BQGC6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
6DB3QT					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
6DDPFT					
Item 3	Pos	Heme	NT	NT	
Item 4	Pos	Heme	NT	NT	
6EMA4E					
Item 3	Pos	KM, HemDirect	NT	NT	
Item 4	Pos	KM, HemDirect	NT	NT	
6ER7GD					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
6EV4CN					
Item 3	Pos	TMB, HemaTrace	Neg AP	NT	
Item 4	Pos	TMB, HemaTrace	Neg AP, p30	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
6FYJ2Z					
Item 3	Pos	TMB, HemaTrace	Neg AP, ALS	NT	
Item 4	Pos	TMB, HemaTrace	Neg AP, ALS	NT	
6H9YL7					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
6JHKZT					
Item 3	Pos	ABA Heme	NT	NT	
Item 4	Pos	ABA Heme	NT	NT	
6KEDBK					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
6KEJ97					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
6MK3AM					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
6QCMAR					
Item 3	NT		NT	NT	Human, Pos Quant Duo
Item 4	NT		NT	NT	Human, Pos Quant Duo
6QYH2Z					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
6RKZDL					
Item 3	Pos	TMB, HemaTrace	Neg AP, p30	Neg RSID	
Item 4	Pos	TMB, HemaTrace	Neg AP, p30	Neg RSID	
6VB3VL					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
6WA8CF					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
6XTBRZ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
6Z8NK4					
Item 3	Pos	TMB, TAK, HemaTrace	NT	NT	
Item 4	Pos	TMB, TAK, HemaTrace	NT	NT	
74G7EP					
Item 3	Pos	TMB, LMG, KM, RSID	Neg ALS, AP mAPping	Neg Phadebas mAPping	
Item 4	Pos	TMB, LMG, KM, RSID	Neg ALS, AP mAPping	Neg Phadebas mAPping	
788RNL					
Item 3	Pos	KM, ABACard HemaTrace	NT	NT	
Item 4	Pos	KM, ABACard HemaTrace	NT	NT	
79AH7F					
Item 3	Pos	KM + qRT-PCR	NT	NT	
Item 4	Pos	KM + qRT-PCR	NT	NT	
79E7UR					
Item 3	Pos	KM, HD	NT	NT	
Item 4	Pos	KM, HD	NT	NT	
7AQEU9					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
7E8BLB					
Item 3	Pos	Hemastix(TMB), HemaTrace	Neg AP	NT	
Item 4	Pos	Hemastix(TMB), HemaTrace	Neg AP	NT	
7EWAD9					
Item 3	Pos	KM	Neg SERATEC PSA	Neg SERATEC Amylase	
Item 4	Pos	KM	Neg SERATEC PSA	Neg SERATEC Amylase	
7GB2RP					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
7HY72H					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
7QCZEY					
Item 3	Pos	Piramidon, Seratec	Neg Micro, RSID	Neg RSID	
Item 4	Pos	Piramidon, Seratec	Neg Micro, RSID	Neg RSID	
7QQLLF					
Item 3	Pos	PHT, HT	NT	NT	
Item 4	Pos	PHT, HT	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
7R6TAH					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
7TP2KD					
Item 3	Pos	KM, HemDirect	NT	NT	
Item 4	Pos	KM, HemDirect	NT	NT	
7UAFN9					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
7VJUPM					
Item 3	Pos	Kastle-Meyer	Neg Acid Phosphatase	NT	
Item 4	Pos	Kastle-Meyer	Neg Acid Phosphatase	NT	
7VR2G4					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
7WKCGR					
Item 3	Pos	Heme			
Item 4	Pos	Heme			
7WQ6EK					
Item 3	Pos	KM, ABACard HemaTrace	NT	NT	
Item 4	Pos	KM, ABACard HemaTrace	NT	NT	
876LFQ					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
87LBAP					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
8ET3LZ					
Item 3	Pos	O-tol	NT	NT	
Item 4	Pos	O-tol	NT	NT	
8F29VV					
Item 3	Pos	Heme direct	Neg Psa direct	Neg Amy direct	
Item 4	Pos	Heme direct	Neg Psa direct	Neg Amy direct	
8FA246					
Item 3	Pos	LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos	LMG	Neg AP	Neg RSID-Saliva	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
8FXPRZ					
Item 3	Pos	KM, RSID	NT	NT	
Item 4	Pos	KM, O-tol, HemaTrace	NT	NT	
8GQKE9					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
8K9EXA					
Item 3	Pos	TMB, HemaTrace	NT	NT	
Item 4	Pos	TMB, HemaTrace	NT	NT	
8LEYLA					
Item 3	Pos	Visual Exam, Luminol, KM, Hemdirect, Takayama	Neg	ALS, AP, Micro	Neg Amylase Diffusion
Item 4	Pos	Visual exam, Luminol, KM, Takayama	Neg	ALS, AP, Micro	Neg Amylase Diffusion
8QUX9G					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
8RHV4V					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Neg	ALS, AP	
8TX2U8					
Item 3	Pos	KM	Neg	AP, Micro	NT
Item 4	Pos	KM	Neg	AP, Micro	NT
8VMDNB					
Item 3	Pos	KM, HemaTrace	Neg	AP	NT
Item 4	Pos	KM, HemaTrace	Neg	AP	NT
8W996J					
Item 3	Pos	LMG, HemaTrace	Neg	AP, Micro, PSA	NT
Item 4	Pos	LMG, HemaTrace	Neg	AP, Micro, PSA	NT
8WEN7Q					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
8ZGBD3					
Item 3	Pos	KM, HemDirect	NT	NT	
Item 4	Pos	KM, HemDirect	NT	NT	
92KJQQ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
92M6L8	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
9397RT	Item 3	Pos O-tol, HemaTrace	Neg PSA, Micro	Neg RSID, Micro	
	Item 4	Pos O-tol, HemaTrace	Neg PSA, Micro	Neg RSID, Micro	
93P9E3	Item 3	Pos KM, HemDirect	Neg AP	NT	
	Item 4	Pos KM, HemDirect	Neg AP	NT	
94C6K9	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
9AL8M4	Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
	Item 4	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
9BFV7Y	Item 3	Pos KM	Neg AP	NT	
	Item 4	Pos KM	Neg AP	NT	
9FQJTW	Item 3	Pos TMB, HemaTrace	Neg ALS, AP	NT	
	Item 4	Pos TMB, HemaTrace	Neg ALS, AP	NT	
9GH3MM	Item 3	Pos Hemident, HemaTrace	NT	NT	
	Item 4	Pos Hemident, HemaTrace	NT	NT	
9GZTGM	Item 3	Pos KM, HemaTrace	Neg AP	NT	
	Item 4	Pos KM, HemaTrace	Neg AP	NT	
9KJ7EA	Item 3	Pos KM, Hemedirect	Neg AP	NT	
	Item 4	Pos KM, Hemedirect	Neg AP	NT	
9MUH9R	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
9NHYZ	Item 3	Pos TMB	Neg AP, ALS	NT	Human origin-Blood, Pos HemaTrace
	Item 4	Pos TMB	Neg AP, ALS	NT	Human origin-Blood, Pos HemaTrace

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
9PUQC3					
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
9Q6PCD					
Item 3	Pos KM		NT	NT	
Item 4	Pos KM				
9QAHEC					
Item 3	Pos KM		Neg AP	NT	
Item 4	Pos KM		Neg AP	NT	
9R3E2L					
Item 3	Pos PTMB, HemaTrace		Neg ALS, AP, PSA	Neg Phadebas Tablets	Urine, Neg Uritrace
Item 4	Pos PTMB, HemaTrace		Neg ALS, AP, PSA	Neg Phadebas Tablets	Urine, Neg Uritrace
9RER64					
Item 3	Pos KM, ABACard HemaTrace		NT	NT	
Item 4	Pos KM, ABACard HemaTrace		NT	NT	
9T7XE3					
Item 3	Pos LMG		Neg AP	Neg RSID Saliva	
Item 4	Pos LMG		Neg AP	Neg RSID Saliva	
9U9RNE					
Item 3	Pos KM		Neg AP, Micro	Neg RSID	
Item 4	Pos KM		Neg AP, Micro	Neg RSID	
9WPPQ6					
Item 3	Pos ALS, KM, HemaTrace		Neg ALS, AP, p30, Micro	Neg ALS, Amylase, Micro	
Item 4	Pos ALS, KM, HemaTrace		Neg ALS, AP, p30, Micro	Neg ALS, Amylase, Micro	
9WTFT7					
Item 3	Pos KM		Neg AP	Neg Phadebas	
Item 4	Pos KM		Neg AP	Neg Phadebas	
9ZYNCY					
Item 3	Pos HemDirect		NT	NT	
Item 4	Pos HemDirect		NT	NT	
A2J7F4					
Item 3	Pos KM, Ouchterlony		Neg AP, Micro for Sperm	Neg Amylase radial Diffusion, Micro for NEC	
Item 4	Pos KM, Ouchterlony		Neg AP, Micro for Sperm	Neg Amylase radial Diffusion, Micro for NEC	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
A2KWVY					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
A4EYZ9					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
A68UMG					
Item 3	Pos	KM, HemDirect	NT	NT	
Item 4	Pos	KM, HemDirect	NT	NT	
A97X24					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	
AAD9LL					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
ABM4K7					
Item 3	Pos	KM	Neg ALS, AP, PSA, Micro	Neg Amylase	male DNA, Neg Alkaline Lysis
Item 4	Pos	KM	Neg ALS, AP, PSA, Micro	Neg Amylase	male DNA, Pos Alkaline Lysis
ACNH34					
Item 3	Pos	LMG	Neg AP	NT	
Item 4	Pos	LMG	Neg AP	NT	
ADHDGZ					
Item 3	Pos	HemaTrace, KM	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	HemaTrace, KM	Neg AP, PSA, Micro	Neg Phadebas	
AQ4N9C					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
AQGTF4					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
ATBHW4					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
AWUWYW					
Item 3	Pos	KM, RSID	NT	NT	
Item 4	Pos	O-tol, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
AXTVEP					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
AZ7GB7					
Item 3	NT		NT	NT	Y-screen, Neg alkaline lysis
Item 4	NT		NT	NT	Y-screen, Pos alkaline lysis
AZPH2E					
Item 3	Pos	KM, HemaTrace	NT ALS	NT	
Item 4	Pos	KM, HemaTrace	NT ALS	NT	
B2D6E3					
Item 3	Pos	KM	Neg PSA	NT	
Item 4	Pos	KM	Neg PSA	NT	
B4QUM7					
Item 3	Pos	IR, TMB	Neg ALS, AP	NT	
Item 4	Pos	IR, TMB	Neg ALS, AP	NT	
B92PLN					
Item 3	Pos	HemaTrace	NT	NT	
Item 4	Pos	HemaTrace	NT	NT	
B93493					
Item 3	Pos	KM, Hemdirect	NT	NT	
Item 4	Pos	KM, Hemdirect	NT	NT	
B9XCUL					
Item 3	Pos	O-tol	Neg AP	NT	
Item 4	Pos	O-tol	Neg AP	NT	
BB26LY					
Item 3	Pos	LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos	LMG	Neg AP	Neg RSID-Saliva	
BCB7FK					
Item 3	Pos	ABAcad HemaTrace	NT	NT	
Item 4	Pos	ABAcad HemaTrace	NT	NT	
BDUANP					
Item 3	Pos	PTMB, HemaTrace	Neg AP, p30,	Neg PHADEBAS	URINE, Neg URITRACE
Item 4	Pos	PTMB, HemaTrace	Neg AP, p30,	Neg PHADEBAS	URINE, Neg URITRACE

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
BDV3KC					
Item 3	Pos	KM, Takayama	Neg AP	NT	
Item 4	Pos	KM, Takayama	Neg AP	NT	
BJD9NR					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
BJGLHF					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	
BKZEQ6					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	
BL9CR7					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
BMUN6B					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
BN7DHV					
Item 3	Pos	KM, HemaTrace	NT	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	NT	Neg Phadebas	
BQYLZJ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
BRXWTZ					
Item 3	Pos	KM, Hemedirect	NT	NT	
Item 4	Pos	KM, Hemedirect	NT	NT	
BYBBDC					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
C294YU					
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
C2EJ3M					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
C4FEY4					
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	
C4GDTC					
Item 3	Pos	LMG, HT	NT	NT	
Item 4	Pos	LMG, HT	NT	NT	
C68LQU					
Item 3	Pos	Bluestar OBTI	NT	Neg RSiD Saliva	
Item 4	Pos	Bluestar OBTI	NT	Neg RSiD Saliva	
C6FYT4					
Item 3	Pos	LMG, RSID	NT	NT	
Item 4	Pos	LMG, RSID	NT	NT	
C84RVT					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	
C9DZMZ					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP	Neg Phadebas	
CA8N4B					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
CAA9YQ					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	
CBMTUL					
Item 3	Pos	ABA heme	NT	NT	
Item 4	Pos	ABA heme	NT	NT	
CCJMQC					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
CDHV7Z					
Item 3	Pos	BLUESTAR + OBTI	Neg AP	Neg PHADEBAS	
Item 4	Pos	BLUESTAR + OBTI	Neg AP	Neg PHADEBAS	
CFBUFT					
Item 3	Pos	KM, HemaTrace	Neg PSA, Micro	Neg RSID	Male DNA, Neg Y-screening
Item 4	Pos	KM, HemaTrace	Neg PSA, Micro	Neg RSID	Male DNA, Pos Y-screening

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
CFFVZ					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
CG7A4B					
Item 3	Pos	TMB	Neg ALS, AP	NT	Human, Pos HEM
Item 4	Pos	TMB	Neg ALS, AP	NT	Human, Pos HEM
CHPGQY					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
CJDEXY					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos	KM, HemaTrace	Neg AP	Neg RSID	
CJGHNA					
Item 3	Pos	KM, HemDirect	Neg AP	NT	
Item 4	Pos	KM, HemDirect	Neg AP	NT	
CMTXPF					
Item 3	Pos	KM, TMB	NT	NT	
Item 4	Pos	KM, TMB	NT	NT	
CN8FTL					
Item 3	Pos	LMG, HemDirect	Neg PSA, RSID	Neg RSID	
Item 4	Pos	LMG, HemDirect	Neg PSA, RSID	Neg RSID	
CNNKGC					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
CQ7ZBF					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
CR9XDE					
Item 3	Pos	KM, Hemedirect	NT	NT	
Item 4	Pos	KM, Hemedirect	NT	NT	
CTHLDY					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
D3KBLM					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
D4Y23P	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
D6E7VW	Item 3	Pos KM	Neg AP	NT	
	Item 4	Pos KM	Neg AP	NT	
D6WCXT	Item 3	Pos KM, RSID-Blood	NT	Neg Phadebas	
	Item 4	Pos O-tol, HemaTrace	NT	NT	
D7HNEE	Item 3	Pos LMG	Neg PSA, Micro	NT	
	Item 4	Pos LMG	Neg PSA, Micro	NT	
D7KCUX	Item 3	Pos HemaTrace	NT	NT	
	Item 4	Pos HemaTrace	NT	NT	
D9DENR	Item 3	Pos LMG, HemaTrace	Neg AP	NT	
	Item 4	Pos LMG, HemaTrace	Neg AP	NT	
DB2UXZ	Item 3	Pos TMB	Neg ALS, AP	NT	
	Item 4	Pos TMB	Neg ALS, AP	NT	
DEL67J	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
DFUP2T	Item 3	Pos LMG, HemaTrace	Neg AP	NT	
	Item 4	Pos LMG, HemaTrace	Neg AP	NT	
DHWTC3	Item 3	Pos KM	Neg ALS, AP, PSA, Micro	Neg Amylase	Y-screen, Neg Alkaline lysis
	Item 4	Pos KM	Neg ALS, AP, PSA, Micro	Neg Amylase	Y-screen, Pos Alkaline lysis
DKL73L	Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID	
	Item 4	Pos KM, HemaTrace	Neg AP	NT	
DKQEZH	Item 3	Pos KM	Neg AP	Neg Phadebas	
	Item 4	Pos KM	Neg AP	Neg Phadebas	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
DLEUR9						
Item 3	Pos	TMB	Neg	ALS, AP	NT	
Item 4	Pos	TMB	Neg	ALS, AP	NT	
DLGUJV						
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
DN8DLY						
Item 3	Pos	KM, HemaTrace	NT		NT	
Item 4	Pos	KM, HemaTrace	NT		NT	
DNMAYE						
Item 3	Pos	KM	Neg	ALS, AP	NT	
Item 4	Pos	KM	Neg	ALS, AP	NT	
DRKMNY						
Item 3	Pos	KM, HemaTrace	Neg	AP	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Neg	AP	Neg	Phadebas
DTGVZP						
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP, Micro, PSA	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Neg	ALS, AP, Micro, PSA	Neg	Phadebas
DWR9F3						
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
E2HZ3P						
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP, PSA, Micro	NT	
Item 4	Pos	KM, HemaTrace	Neg	ALS, AP, PSA, Micro	NT	
E2JTUH						
Item 3	Pos	TMB, FOB, PMB, Luminol	Neg	ALS, AP, RSID, PSA	Neg	ALS, RSID
Item 4	Pos	TMB, FOB, PMB, Luminol	Neg	ALS, AP, RSID, PSA	Neg	ALS, RSID
E2LFLH						
Item 3	Pos	ABA Heme card	NT		NT	
Item 4	Pos	ABA Heme card	NT		NT	
E7EBEP						
Item 3	Pos	HemaTrace, KM	Neg	PSA	Neg	RSID
Item 4	Pos	HemaTrace, KM	Neg	PSA	Neg	RSID
ED33VH						
Item 3	Pos	ABA Heme				
Item 4	Pos	ABA Heme				

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
EEDFJX					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
EETEHV					
Item 3	Pos	KM, taka, HemDirect, Luminol	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg AP	NT	
EFNWND					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
EHWHLW					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
EHZ6Y4					
Item 3	Pos	KM, Takayama	Neg AP	NT	
Item 4	Pos	KM, Takayama	Neg AP	NT	
EK6RC9					
Item 3	Pos	KM, Takayama	Neg AP	NT	
Item 4	Pos	KM, Takayama	Neg AP	NT	
EKNE96					
Item 3	Pos	KM, HemDirect	NT	NT	
Item 4	Pos	KM, HemDirect	NT	NT	
ELXJNE					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
EMME8V					
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	
EMP4CT					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg RSID-Saliva	Human origin, Pos HemaTrace, PowerQuant
Item 4	Pos	KM, HemaTrace	Neg AP	Neg RSID-Saliva	Human origin, Pos HemaTrace, PowerQuant
EN6YW7					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Amylase	
Item 4	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Amylase	
ERYX6A					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
EYUMAL						
Item 3	Pos	LMG, RSID	Neg	AP, RSID	Neg	RSID
Item 4	Pos	LMG, RSID	Neg	AP, RSID	Neg	RSID
F3ZMKP						
Item 3	Pos	KM, HemaTrace	NT		NT	
Item 4	Pos	KM, HemaTrace	NT		NT	
F6ZJMK						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
FAD9D9						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
FBBGLR						
Item 3	Pos	TMB, KM, HemaTrace	Neg	ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB, KM, HemaTrace	Neg	ALS, AP, Micro, PSA	NT	
FCNCN6						
Item 3	Pos	KM, O-tol, RSID Blood, HemaTrace	NT		NT	
Item 4	Pos	KM, RSID Blood	NT		NT	
FDUR7P						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
FDYFTG						
Item 3	Pos	Hemident, HemaTrace	NT		NT	
Item 4	Pos	Hemident, HemaTrace	NT		NT	
FF2XRQ						
Item 3	Pos	KM, Takayama	NT	Neg	Phadebas, RSID	Human Origin, Pos PowerQuant
Item 4	Pos	KM, Takayama, HemaTrace	NT	NT		Human Origin, Pos HemaTrace, PowerQuant
FGNHKN						
Item 3	Pos	KM	Neg	ALS, AP	NT	
Item 4	Pos	KM	Neg	ALS, AP	NT	
FJFHTK						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
FNTDJF						
Item 3	Pos	KM, ABACard-HemaTrace	Neg	ALS, AP, Micro, PSA	NT	
Item 4	Pos	KM, ABACard-HemaTrace	Neg	ALS, AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
FQ7VQR					
Item 3	Pos	KM, HemDirect	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
FQ9VZL					
Item 3	Pos	PTMB	Neg AP	NT	
Item 4	Pos	PTMB	Neg AP	NT	
FU6HTA					
Item 3	Pos	KM, HemDirect	NT	NT	
Item 4	Pos	KM, HemDirect	NT	NT	
FYZVET					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
G239JX					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
G2AVBH					
Item 3	Pos	KM, Takayama			
Item 4	Pos	KM, Takayama			
G2M9WF					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
G3AFUD					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
G3V4ZE					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
G4Q4DX					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
G7H3RW					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
GABW3X					
Item 3	Pos	KM	Neg AP, Micro		
Item 4	Pos	KM	Neg AP, Micro		

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
GBQH47					
Item 3	Pos	KM	Neg ALS, AP, Micro	Neg	RSID
Item 4	Pos	KM	Neg ALS, AP, Micro	Neg	RSID
GDUXDC					
Item 3	Pos	KM, HemaTrace	Neg AP, Seratec	NT	
Item 4	Pos	KM, HemaTrace	Neg AP, Seratec	NT	
GL8TBQ					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg	RSID
Item 4	Pos	KM, HemaTrace	Neg AP	Neg	RSID
GMMFDK					
Item 3	Pos	Hemastix, HemaTrace	Neg AP, PSA, Micro	Neg	RSID
Item 4	Pos	Hemastix, HemaTrace	Neg AP, PSA	Neg	RSID
GPKMYB					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
GPZ3BQ					
Item 3	Pos	hemastix	NT	NT	
Item 4	Pos	hemastix	NT	NT	
GUJWEJ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
GVCY8D					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
GVT6GC					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
GW7AXR					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg	Phadebas
GWTEWU					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
GYAKTP					
Item 3	Pos	KM, Takayama, HemaTrace	Neg AP	Neg	RSID Saliva Human origin, Pos PowerQuant, HemaTrace
Item 4	Pos	KM, Takayama, HemaTrace	Neg AP	Neg	RSID Saliva Human origin, Pos PowerQuant, HemaTrace

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
H6R2Z6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
H77LMN					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
H8FTPG					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
HBBGCP					
Item 3	Pos	Hemochromogen	NT	NT	hair, Neg Visual
Item 4	Pos	Hemochromogen	NT	NT	hair, Neg Visual
HEZV7J					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
HGCX83					
Item 3	Pos	ppth, O-tol, red-brown	Neg	AP	NT
Item 4	Pos	ppth, O-tol, red-brown	Neg	AP	NT
HMG7JK					
Item 3	Pos	LMG, HT	NT	NT	
Item 4	Pos	LMG, HT	NT	NT	
HNTCA9					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
HPWZ2D					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
HQTA3G					
Item 3	Pos	KM, Hb (HemaTrace)	Neg	ALS, AP, Micro, PSA	NT
Item 4	Pos	KM, Hb (HemaTrace)	Neg	ALS, AP, Micro, PSA	NT
HRBCN					
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT
Item 4	Pos	LMG, HemaTrace	Neg	AP	NT
HTPZNU					
Item 3	Pos	KM, HemDirect	NT	NT	
Item 4	Pos	KM, HemDirect	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
HUY8P3					
Item 3	Pos	KM, Hemedirect	Neg AP	NT	
Item 4	Pos	KM, Hemedirect	Neg AP	NT	
HW3F2M					
Item 3	Pos	PHT, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	PHT, HemaTrace	Neg ALS, AP	NT	
HYXGGG					
Item 3	Pos	RSID-Blood	Neg RSID-Semen	Neg RSID-Saliva	
Item 4	Pos	RSID-Blood	Neg RSID-Semen	Neg RSID-Saliva	
J2U7K3					
Item 3	Pos	LMG	Neg ALS, AP	NT	
Item 4	Pos	LMG	Neg ALS, AP	NT	
J4P6DE					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
J7KFRF					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	
J8YKQE					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
J94FQH					
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	
JBJUHQ					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
JDNL4Q					
Item 3	Pos	KM, HemDirect	NT	NT	
Item 4	Pos	KM, HemDirect	NT	NT	
JH3ZEX					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
JJUGMQ					
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
JKBGX9					
Item 3	Pos	TMB, HemaTrace	Neg AP, PSA, Micro	Neg RSID	
Item 4	Pos	TMB, HemaTrace	Neg AP, PSA	Neg RSID	
JMGUQ3					
Item 3	Pos	color, O-tol, PPHP	Neg AP	NT	
Item 4	Pos	color, O-tol, PPHP	Neg AP	NT	
JQKM3E					
Item 3	Pos	Hemastix	Neg Brentamine		
Item 4	Pos	Hemastix	Neg Brentamine		
JR3TJH					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
JUQ9TQ					
Item 3	Pos	KM, HemDirect			
Item 4	Pos	KM, HemDirect			
JV23FD					
Item 3	Pos	LMG, HT	NT	NT	
Item 4	Pos	LMG, HT	NT	NT	
JV3Q4J					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	
JVGE6A					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
JVQJG					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
JX4VG4					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
JZJ29Z					
Item 3	Pos	TMB	Neg AP/Micro/ALS	NT	
Item 4	Pos	TMB	Neg AP/Micro/ALS	NT	
JZJK92					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
K2MBNA					
Item 3	Pos	KM + qRT-PCR	NT	NT	
Item 4	Pos	KM + qRT-PCR	NT	NT	
K6NQER					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
K7EH7J					
Item 3	Pos	KM, HU	NT	NT	
Item 4	Pos	KM, HU	NT	NT	
K7NJG7					
Item 3	Pos	KM, ABACard	NT	NT	
Item 4	Pos	KM, ABACard	NT	NT	
K8V4ZY					
Item 3	Pos	KM, HemDirect	NT	NT	
Item 4	Pos	KM, HemDirect	NT	NT	
K8VPEL					
Item 3	Pos	KM, Takayama, HemaTrace	NT	Neg RSID Saliva	Human Origin, Pos HemaTrace, PowerQuant
Item 4	Pos	KM, Takayama, HemaTrace	NT	Neg RSID Saliva	Human Origin, Pos HemaTrace, PowerQuant
K996XE					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
KCNAGM					
Item 3	Pos	KM, HB	Neg AP	NT	
Item 4	Pos	KM, HB	Neg AP, Micro, PSA	NT	
KCUEZ7					
Item 3	Pos	KM, ABA Card	NT	NT	
Item 4	Pos	KM, ABA Card	NT	NT	
KEWYPK					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
KFJPLH					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
KG3JDK					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
KGKTJL					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
KHQU DL					
Item 3	Pos	KM, HemaTrace	Neg PSA, Micro	Neg RSID	male DNA, Neg Y-Screening
Item 4	Pos	KM, HemaTrace	Neg PSA, Micro	Neg RSID	male DNA, Pos Y-Screening
KJNRRT					
Item 3	Pos	KM & HemaTrace	NT	NT	
Item 4	Pos	KM & HemaTrace	NT	NT	
KKJAVF					
Item 3	Pos	O-tol	Neg AP	NT	
Item 4	Pos	O-tol	Neg AP	NT	
KMMH6E					
Item 3	Pos	TMB, Takayama, HemaTrace	NT	NT	
Item 4	Pos	TMB, Takayama, HemaTrace	NT	NT	
KRDUM4					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
KRZB6K					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
KUNRER					
Item 3	Pos	TMB	Neg AP, ALS	NT	
Item 4	Pos	TMB	Neg AP, ALS	NT	
KWVDGD					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
KY7BVU					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
L2WJ7A					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
L2YKXM					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
L4RRFJ					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
L84ABZ					
Item 3	Pos	PH, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos	PH, HemaTrace	Neg AP	Neg Phadebas	
L8HL3D					
Item 3	Pos	Multistix, FOB	Neg AP, PSA	Neg Phadebas	
Item 4	Pos	Multistix, FOB	Neg AP, PSA	Neg Phadebas	
L8QKHA					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
LBUUNQ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
LHKY8K					
Item 3	Pos	KM, HemaTrace	Neg Micro, PSA	Neg RSID-Saliva	Male DNA, Neg Y-Screening
Item 4	Pos	KM, HemaTrace	Neg Micro, PSA	Neg RSID-Saliva	Male DNA, Pos Y-Screening
LJYLJ8					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
LKT6TL					
Item 3	Pos	O-tol	NT	NT	
Item 4	Pos	O-tol	NT	NT	
LLXP8V					
Item 3	Pos	Visual, KM, LMG	NT	NT	Human Blood, Pos RSID
Item 4	Pos	Visual, KM, LMG	NT	NT	Human Blood, Pos RSID
LNWMGG					
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
LPW7H4					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
LRE4C8					
Item 3	Pos	KM, HemaTrace	Neg AP, Seratec	NT	
Item 4	Pos	KM, HemaTrace	Neg AP, Seratec	NT	
LRWLLL					
Item 3	Pos	KM			
Item 4	Pos	KM			
LRYBQH					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
LULF4G					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
LVDCQP					
Item 3	Pos	LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos	LMG	Neg AP	Neg RSID-Saliva	
LVVKEK					
Item 3	Pos	O-tol	NT	NT	
Item 4	Pos	O-tol	NT	NT	
LYEFHC					
Item 3	Pos	O-tol	NT	NT	
Item 4	Pos	O-tol	NT	NT	
M3QQZY					
Item 3	Pos	LMG	Neg ALS, AP	NT	
Item 4	Pos	LMG	Neg ALS, AP	NT	
M4ZRUK					
Item 3	Pos	O-tol	Neg AP	NT	
Item 4	Pos	O-tol	Neg AP	NT	
M6E4Q4					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
M7LHXA					
Item 3	Pos	LMG, HT	NT	NT	
Item 4	Pos	LMG, HT	NT	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
M8N6RU						
Item 3	Pos	Luminol, Phenolphthalein, Takayama, HemDirect	Neg	ALS, AP, Micro	Neg	Amylase Diffusion
Item 4	Pos	Luminol, Phenolphthalein, Takayama, HemDirect	Neg	ALS, AP, Micro	Neg	Amylase Diffusion
M9GNJZ						
Item 3	Pos	KM, HemDirect	NT		NT	
Item 4	Pos	KM, HemDirect	NT		NT	
M9JGFM						
Item 3	Pos	KM, HemDirect	Neg	AP	NT	
Item 4	Pos	KM, HemDirect	Neg	AP	NT	
M9L7L7						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
M9WHWP						
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg	Phadebas
MABC3W						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Neg	AP	NT	
MDW2KN						
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg	Phadebas
MF3ECM						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
MGVFAY						
Item 3	Pos	KM, Hemedirect	Neg	AP	NT	
Item 4	Pos	KM, Hemedirect	Neg	AP	NT	
MLR24M						
Item 3	Pos	KM, HemDirect	NT		NT	
Item 4	Pos	KM, HemDirect	NT		NT	
MLTU2U						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
MMKVY6						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
MN6G38					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
MRJ6BT					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
MT6KAL					
Item 3	Pos	KM, Takayama, HemDirect, Luminol	Neg AP, Micro, ALS	Neg Amylase Diffusion	
Item 4	Pos	KM, Takayama, HemDirect, Luminol	Neg AP, Micro, ALS	Neg Amylase Diffusion	
MUXGG3					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
MWMDA9					
Item 3	Pos	HemaTrace, LMG	NT	NT	
Item 4	Pos	HemaTrace, LMG	NT	NT	
MWNZVT					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
MYNZC7					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
N47AMG					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
N699K3					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
N8J9MP					
Item 3	Pos	KM	Neg AP, Micro for Sperm	NT	
Item 4	Pos	KM	Neg AP, Micro for Sperm	NT	
N8PRWR					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
NCFLTM					
Item 3	Pos	HemaTrace	NT	NT	
Item 4	Pos	HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
ND73Q2					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
NE688V					
Item 3	Pos	TMB, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	NT	
NG4FKT					
Item 3	Pos	KM, RSID, LMG	Neg ALS, AP, Micro, PSA	Neg ALS, RSID	
Item 4	Pos	KM, RSID, LMG	Neg ALS, AP, Micro, PSA	Neg ALS, RSID	
NGJTX4					
Item 3	Pos	LMG, Ouchterlony (anti hu-hb)	NT	NT	
Item 4	Pos	LMG, Ouchterlony (anti hu-hb)	NT	NT	
NGLH22					
Item 3	Pos	Hemastix, HemaTrace	Neg AP	NT	
Item 4	Pos	Hemastix, HemaTrace	Neg AP	NT	
NN2ABY					
Item 3	Pos	LMG, HT	NT		
Item 4	Pos	LMG, HT	NT		
NNYJ6G					
Item 3	NT		Neg PSA	NT	
Item 4	NT		Neg PSA	NT	
NP6KKP					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
NPMMDJ					
Item 3	Pos	TMB	Neg ALS, AP, Micro	NT	Human Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP, Micro	NT	Human Origin, Pos HemaTrace
NRRBWF					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
NUFR7M					
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
NVW7RW					
Item 3	Pos	KM, HemDirect	NT	NT	
Item 4	Pos	KM, HemDirect	NT	NT	
NW6JD6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
NXXC73					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
NY8GJQ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
NYB7JH					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
NYRQB2					
Item 3	Pos	Phen, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	Phen, HemaTrace	Neg ALS, AP	NT	
P36FCV					
Item 3	Pos	O-tol, PPTH, color	Neg AP	NT	
Item 4	Pos	O-tol, PPTH, color	Neg AP	NT	
P4JR8E					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
P7T7TM					
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	Inc ALS, Phadebas	Human DNA detected, Pos Quant Trio
P9FBF6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
P9RTUP					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
PEXGXQ					
Item 3	Pos	Hemastix	NT	NT	
Item 4	Pos	Hemastix	NT	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
PF9C7C						
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP, Micro, PSA	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Neg	ALS, AP, Micro, PSA	Neg	Phadebas
PG64LA						
Item 3	Pos	TMB	NT		NT	
Item 4	Pos	TMB	NT		NT	
PGJZM3						
Item 3	Pos	LMG	NT		NT	
Item 4	Pos	LMG	NT		NT	
PJ8JVF						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
PJDEFR						
Item 3	Pos	KM, HemaTrace	Neg	AP	NT	
Item 4	Pos	KM, HemaTrace	Neg	AP	NT	
PPW8AX						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
PR3JA9						
Item 3	Pos	ABA Heme	NT		NT	
Item 4	Pos	ABA Heme	NT		NT	
PV8PT7						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
PWREJQ						
Item 3	Pos	KM, TMB	NT		NT	
Item 4	Pos	KM, TMB	NT		NT	
PXL3Z2						
Item 3	Pos	KM, Hexagon OBTI	NT		NT	
Item 4	Pos	KM, Hexagon OBTI	NT		NT	
PYM3Q8						
Item 3	Pos	Hemident, HemaTrace	NT		NT	
Item 4	Pos	Hemident, HemaTrace	NT		NT	
PYMRLB						
Item 3	Pos	LMG, HemaTrace	NT		NT	
Item 4	Pos	LMG, HemaTrace	NT		NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
PYNGZG					
Item 3	Pos	KM	NT	NT	Human, Pos PowerQuant
Item 4	Pos	KM	NT	NT	Human, Pos PowerQuant
Q2R6W3					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	Neg	AP	NT
Q3XYQW					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
Q4MLRY					
Item 3	Pos	Hemastix, HemaTrace	Neg	AP, PSA, Micro	NT
Item 4	Pos	Hemastix, HemaTrace	Neg	AP, PSA, Micro	NT
Q4TL6L					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
Q76TQ8					
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg Phadebas
Q97DKE					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
QBELRD					
Item 3	Pos	TMB	Neg	ALS, AP	NT
Item 4	Pos	TMB	Neg	ALS, AP	NT
QCRHD3					
Item 3	Pos	KM, HemDirect	Neg	AP	NT
Item 4	Pos	KM, HemDirect	Neg	AP	NT
QE8NH7					
Item 3	NT		NT	NT	Human, Pos Quant Duo
Item 4	NT		NT	NT	Human, Pos Quant Duo
QFMZ6H					
Item 3	Pos	O-tol, HemaTrace	NT	NT	
Item 4	Pos	O-tol, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
QGTP2Y						
Item 3	Pos	RSID	Neg	RSID	NT	
Item 4	Pos	RSID	Neg	RSID	NT	
QHV42E						
Item 3	Pos	KM	NT	NT	Human, Pos PowerQuant	
Item 4	Pos	KM	NT	NT	Human, Pos PowerQuant	
QKQ4J6						
Item 3	Pos	KM	NT	NT		
Item 4	Pos	KM	NT	NT		
QPUV8M						
Item 3	Pos	KM	NT	NT		
Item 4	Pos	KM	NT	NT		
QTVBY6						
Item 3	Pos	KM	NT	NT		
Item 4	Pos	KM	NT	NT		
QTYEEW						
Item 3	Pos	LMG	Neg	ALS, AP	NT	
Item 4	Pos	LMG	Neg	ALS, AP	NT	
QU7QXJ						
Item 3	Pos	KM, HemDirect	Neg	AP, Micro	Neg	RSID Saliva
Item 4	Pos	KM, HemDirect	Neg	AP, Micro	Neg	RSID Saliva
QU8HZ8						
Item 3	Pos	O-tol	NT	NT		
Item 4	Pos	O-tol	NT	NT		
QUNMH7						
Item 3	Pos	TMB, LMG, RSID, ALS	Neg	ALS, AP	Neg	ALS, Phadebas
Item 4	Pos	TMB, LMG, RSID, ALS	Neg	ALS, AP	Neg	ALS, Phadebas
QW62A						
Item 3	Pos	KM	NT	NT		
Item 4	Pos	KM	NT	NT		
QXGP9Y						
Item 3	Pos	KM	NT	NT		
Item 4	Pos	KM	NT	NT		
QZCEJ8						
Item 3	Pos	O-tol	Neg	AP	NT	
Item 4	Pos	O-tol	Neg	AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
R3RBMN					
	Item 3	Pos PTMB	Neg AP	NT	
	Item 4	Pos PTMB	Neg AP	NT	
R3ZYE4					
	Item 3	Pos KM, HemaTrace	Neg AP	NT	
	Item 4	Pos KM, HemaTrace	Neg AP	NT	
R4BN9K					
	Item 3	Pos KM, HemaTrace	NT	NT	
	Item 4	Pos KM, HemaTrace	NT	NT	
R678C8					
	Item 3	Pos O-tol	Neg AP	NT	
	Item 4	Pos O-tol	Neg AP	NT	
R8PRXW					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
R8X2F3					
	Item 3	Pos KM	NT	NT	
	Item 4	Pos KM	NT	NT	
RBCXL6					
	Item 3	Pos KM	Neg AP	NT	
	Item 4	Pos KM	Neg AP	NT	
RGK3UR					
	Item 3	Pos KM, Takayama	Neg AP	NT	
	Item 4	Pos KM, Takayama	Neg AP	NT	
RHAW93					
	Item 3	Pos Kastle Meyer	NT	NT	Male DNA, Neg Quantifiler Trio
	Item 4	Pos Kastle Meyer	NT	NT	Male DNA, Pos Quantifiler Trio
RHKUAD					
	Item 3	Pos LMG, HemaTrace	NT	NT	
	Item 4	Pos LMG, HemaTrace	NT	NT	
RHTAY7					
	Item 3	Pos KM, HemDirect	Neg PSA	NT	
	Item 4	Pos KM, HemDirect	Neg PSA	NT	
RK2DY9					
	Item 3	Pos KM, HemaTrace	NT	NT	
	Item 4	Pos KM, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
RP69X4				
Item 3				Human, Pos Quant Duo
Item 4				Human, Pos Quant Duo
RPRYHV				
Item 3	Pos KM	Neg AP, ALS, Micro	Neg RSID	
Item 4	Pos KM	Neg AP, ALS, Micro	Neg RSID	
RQGVH4				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Neg AP	NT	
RVVK9R				
Item 3	Pos TMB	Neg AP, Micro, ALS	NT	
Item 4	Pos TMB	Neg AP, Micro, ALS	NT	
RXH486				
Item 3	Pos ABA Heme	NT	NT	
Item 4	Pos ABACard Heme	NT	NT	
RZ22KA				
Item 3	Pos LMG, RSID	Neg AP, RSID	Neg RSID	
Item 4	Pos LMG, RSID	Neg AP, RSID	Neg RSID	
RZ4WZY				
Item 3	Pos LMG	Neg AP, PSA	Neg SALIgAE	
Item 4	Pos LMG	Neg AP, PSA	Neg SALIgAE	
T22UCK				
Item 3	Pos KM	Neg AP, p30, Micro	Neg Amylase Radial Diffusion	
Item 4	Pos KM	Neg AP, p30, Micro	Neg Amylase Radial Diffusion	
T4KJ9C				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Neg AP, Micro	NT	
T6DC4V				
Item 3	Pos KM	NT	NT	
Item 4	Pos KM	NT	NT	
T6VJ7R				
Item 3	Pos KM, qRT-PCR	NT	NT	
Item 4	Pos KM, qRT-PCR	NT	NT	
T7MBAX				
Item 3	Pos LMG	NT	NT	
Item 4	Pos LMG	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
T886CL					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	
T9GWHG					
Item 3	Pos	TMB, Takayama, HemaTrace	NT	NT	
Item 4	Pos	TMB, Takayama, HemaTrace	NT	NT	
TA6QLB					
Item 3	Pos	HemaTrace, KM	Neg PSA, Micro	Neg RSID	Male DNA, Neg Y-Screening
Item 4	Pos	HemaTrace, KM	Neg PSA, Micro	Neg RSID	Male DNA, Pos Y-Screening
TBGE7B					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
TH3A8E					
Item 3	Pos	O-tol	Neg AP	Neg RSID-Saliva	Human Blood, Pos ABAcad HemaTrace
Item 4	Pos	O-tol	NT	NT	Human Blood, Pos ABAcad HemaTrace
TJ4E9N					
Item 3	Pos	TMB, HemaTrace	NT	NT	
Item 4	Pos	TMB, HemaTrace	NT	NT	
TKVDPD					
Item 3	Pos	HemDirect	NT	NT	
Item 4	Pos	HemDirect	NT	NT	
TPH7VL					
Item 3	Pos	KM	NT	Neg RSID	
Item 4	Pos	KM	NT	Neg RSID	
TRD3PT					
Item 3	Pos	O-tol, PPTH, red-brown	Neg AP, ALS	NT	
Item 4	Pos	O-tol, PPTH, red-brown	Neg AP, ALS	NT	
TTLNC3					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
TUHQ6H					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
TVAQ3T					
Item 3	Pos	KM, Takayama	Neg AP		NT
Item 4	Pos	KM, Takayama	Neg AP		NT
TW2FZA					
Item 3	Pos	KM Test	Neg AP Test		NT
Item 4	Pos	KM Test	Neg AP Test		NT
TW9DL8					
Item 3	Pos	PTMB	NT		NT
Item 4	Pos	PTMB	NT		NT
TXGDVU					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
TY7ZWW					
Item 3	Pos	LMG, HemaTrace	NT		NT
Item 4	Pos	LMG, HemaTrace	NT		NT
U7CEQJ					
Item 3	Pos	KM, HemaTrace	NT		NT
Item 4	Pos	KM, HemaTrace	NT		NT
U7EWWV					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
U7GG4W					
Item 3	Pos	ALS, LMG, ABA HemaTrace	NT		NT
Item 4	Pos	ALS, LMG, ABA HemaTrace	NT		NT
UFFNYU					
Item 3	Pos	KM	Neg AP		NT
Item 4	Pos	KM	Neg AP		NT
UGG9A3					
Item 3	Pos	H/stix and Luminol			
Item 4	Pos	H/stix and Luminol			
UHBWTX					
Item 3	Pos	LMG, HemaTrace	Neg AP, p30, Micro	Neg Amylase	
Item 4	Pos	LMG, HemaTrace	Neg AP, p30, Micro	Neg Amylase	
UHF3KU					
Item 3	Pos	KM Test	NT		NT
Item 4	Pos	KM Test	NT		NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
UK96GA					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
UNRK42					
Item 3	Pos	Hemident, HemaTrace	NT	NT	
Item 4	Pos	Hemident, HemaTrace	NT	NT	
UPFKY7					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
URRMAP					
Item 3	Pos	KM, RSID			
Item 4	Pos	O-tol, HemaTrace			
UW67XK					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
V2W2PW					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
V7JKDR					
Item 3	Pos	TMB	Neg ALS, AP	NT	Human origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP	NT	Human origin, Pos HemaTrace
V83UJR					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
VCYCZT					
Item 3	Pos	KM, HemDirect	Neg PSA, ALS	NT	
Item 4	Pos	KM, HemDirect	Neg PSA, ALS	NT	
VDPMT7					
Item 3	Pos	PTMB	Neg AP	NT	
Item 4	Pos	PTMB	Neg AP	NT	
VFXPNH					
Item 3	Pos	KM	Neg AP, Micro, PSA	NT	
Item 4	Pos	KM	Neg AP, Micro, PSA	NT	
VG68KT					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
VJVDZJ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
VKHH9B					
Item 3	Pos	O-tol	Neg	AP	
Item 4	Pos	O-tol	Neg	AP	
VMC9PB					
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT
Item 4	Pos	LMG, HemaTrace	Neg	AP	NT
VMX8ZA					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
VN2DC4					
Item 3	Pos	HemaTrace	Neg	ALS	NT
Item 4	Pos	HemaTrace	Neg	ALS	NT
VPNDJK					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
VRNN78					
Item 3	Pos	PTMB, HemaTrace	NT	NT	Urine, Neg Uritrace
Item 4	Pos	PTMB, HemaTrace	NT	NT	Urine, Neg Uritrace
VWHGMG					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
VYNMN4					
Item 3	Pos	TMB, Micro, HemaTrace	NT	NT	
Item 4	Pos	TMB, Micro, HemaTrace	NT	NT	
VZ48UD					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
W3G2QJ					
Item 3	Pos	TMB	Neg	ALS, AP	NT
Item 4	Pos	TMB	Neg	AP, ALS	NT
W6MHUG					
Item 3	Pos	KM	Neg	AP, PSA, Microscopy	NT
Item 4	Pos	KM	Neg	AP, PSA, Microscopy	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
WA66X8					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
WAJGR7					
Item 3	Pos	PTMB, HemaTrace	NT	NT	
Item 4	Pos	PTMB, HemaTrace	NT	NT	
WAMFWU					
Item 3	Pos	KM	Neg AP, ALS	NT	
Item 4	Pos	KM	Neg AP, ALS	NT	
WBBZDY					
Item 3	Pos	KM, RTPCR	NT	NT	
Item 4	Pos	KM, RTPCR	NT	NT	
WBT8HG					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
WCZME2					
Item 3	Pos	Hemastix	Neg Brentamine		
Item 4	Pos	Hemastix	Neg Brentamine		
WEAGPT					
Item 3	Pos	Phen	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	Phen	Neg AP, Micro, PSA	Neg Phadebas	
WHDNAB					
Item 3	Pos	KM	Neg AP	NT	Y screening, Neg Promega Casework Direct Kit
Item 4	Pos	KM	Neg AP	NT	Y screening, Pos Promega Casework Direct Kit
WKCN3B					
Item 3	Pos	O-tol, HemaTrace			
Item 4	Pos	O-tol, HemaTrace			
WKJ6PU					
Item 3	Pos	KM, ABACard	NT	NT	
Item 4	Pos	KM, ABACard	NT	NT	
WLP838					
Item 3	Pos	HemaTrace, KM	Neg Micro, PSA	Neg RSID	Male DNA, Inc Y-Screening
Item 4	Pos	HemaTrace, KM	Neg Micro, PSA	Neg RSID	Male DNA, Pos Y-Screening

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
WN2T7F					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
WNHZDH					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
WPVH73					
Item 3	Pos	KM	Neg AP, Micro	Neg Phadebas	
Item 4	Pos	KM	Neg AP, Micro	Neg Phadebas	
WQRZG6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
WVXKEA					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
WWEBKD					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
WYCEZ9					
Item 3	Pos	HemaTrace, KM	Neg Micro, PSA	Neg RSID	Male DNA, Neg Y-screening
Item 4	Pos	HemaTrace, KM	Neg Micro, PSA	Neg RSID	Male DNA, Pos Y-screening
WYE47Q					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
WYGP37					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
WZCK9F					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
X3B7R7					
Item 3	Pos	KM	NT	NT	Human, Pos ABA Card
Item 4	Pos	KM	NT	NT	Human, Pos ABA card

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
X3G4D3					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	
X3YTEF					
Item 3	Pos	KM	Neg AP, Micro, ABACard p30	Neg Amylase Radial Diffusion	
Item 4	Pos	KM	Neg AP, Micro, ABACard p30	Neg Amylase Radial Diffusion	
X44YMN					
Item 3	Pos	LMG, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
X94767					
Item 3	Pos	LMG, HemaTrace	Neg AP (Brentamine)	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP (Brentamine)	NT	
XBMCCF					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
XE4MJR					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP/Micro/PSA	Neg Phadebas	
XETLUD					
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
XLCUBH					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Neg ALS, AP	NT	
XMMYMK					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
XMYPJH					
Item 3	Pos	KM, LMG, RSID	Neg AP, Micro, PSA	Neg RSID	
Item 4	Pos	KM, LMG, RSID	Neg AP, Micro, PSA	Neg RSID	
XPW3WG					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
XQGMDZ					
Item 3	Pos	O-tol	Neg AP, Micro	NT	
Item 4	Pos	O-tol	Neg AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
XQZTDQ					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg Phadebas	
XRUFRE					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro for Sperm, ALS	Neg Micro for NECs, Amylase Radial Diffusion	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro for Sperm, ALS	Neg Micro for NECs, Amylase Radial Diffusion	
XTTDTV					
Item 3	Pos	KM, HemaTrace	Neg AP, Seratec	NT	
Item 4	Pos	KM, HemaTrace	Neg AP, Seratec	NT	
XUN7BZ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
XUZQ2W					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
XZFRJT					
Item 3	Pos	Hemastix, HemaTrace	Neg AP, p30 (PSA)	Neg RSID	
Item 4	Pos	Hemastix, HemaTrace	Neg AP, p30 (PSA)	Neg RSID	
XZUKGC					
Item 3	Pos	KM, HemDirect, Takayama, Luminol	Neg AP, Micro, ALS	Neg Amylase Diffusion	
Item 4	Pos	KM, Luminol	Neg AP, ALS	Neg Amylase Diffusion	
Y2WX43					
Item 3	Pos	KM, HemaTrace	Neg ALS	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS	NT	
Y4LWFL					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
Y4NJ27					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
Y7DQJG					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
YDBMZR					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
YDHNAY					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
YFHGPK					
Item 3	Pos	TMB	Neg ALS, AP, Micro	NT	Origin, Pos HemaTrace
Item 4	Pos	TMB	Neg ALS, AP, Micro	NT	Origin, Pos HemaTrace
YJZN68					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
YLZNDQ					
Item 3	Pos	LMG, HT	NT	NT	
Item 4	Pos	LMG, HT	NT	NT	
YQFCV3					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
YRDTGH					
Item 3	Pos	KM, HemaTrace	Neg AP		
Item 4	Pos	KM, HemaTrace	Neg AP		
YUACN4					
Item 3	Pos	HemaTrace, KM	Neg Micro, PSA	Neg RSID	Male DNA, Neg Y-Screening
Item 4	Pos	HemaTrace, KM	Neg Micro, PSA	Neg RSID	Male DNA, Pos Y-Screening
YXT8RW					
Item 3	Pos	O-toI, Seratec PMB	Neg AP, PSA	Neg Seratec Amylase	Menstrual Blood, Neg Seractec PMB
Item 4	Pos	O-toI, Seratec PMB	Neg AP, PSA	Neg Seratec Amylase	Menstrual Blood, Neg Seratec PMB
Z3FH2T					
Item 3	Pos	TMB, HemaTrace	Neg AP, PSA, Micro	Neg RSID Saliva	
Item 4	Pos	TMB, HemaTrace	Neg AP, PSA	Neg RSID Saliva	
Z69DV7					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg RSID-Saliva	Human Origin, Pos PowerQuant
Item 4	Pos	KM, HemaTrace	Neg AP	Neg RSID-Saliva	Human Origin, Pos PowerQuant
ZA878V					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
ZAM8JQ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
ZAW6P3					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
ZCJNLU					
Item 3	Pos	PTMB, HemaTrace	Neg AP, PSA	NT	
Item 4	Pos	PTMB, HemaTrace	Neg AP, PSA	NT	
ZD8Y4U					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
ZDQ9AU					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	
ZFWQBB					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
ZG3LNG					
Item 3	Pos	KM, TMB	Neg AP, PSA, Micro	Neg RSID	
Item 4	Pos	KM, TMB	Neg AP, PSA, Micro	Neg RSID	
ZGN4Z4					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
ZHF97V					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
ZHKLXY					
Item 3	Pos	ABA Heme	NT	NT	
Item 4	Pos	ABA Heme	NT	NT	
ZLMYYB					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
ZMT3A8					
Item 3	Pos	TMB, HemaTrace, Takayama	NT	NT	
Item 4	Pos	TMB, HemaTrace, Takayama	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
ZQR9Z8					
Item 3	Pos	O-tol	Neg AP, PSA	NT	
Item 4	Pos	O-tol	Neg AP, PSA	NT	
ZT298Y					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
ZTJDLR					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
ZTWVFW					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
ZVY7NR					
Item 3	Pos	TMB, HemaTrace	Neg AP, Micro	Neg RSID	
Item 4	Pos	TMB, HemaTrace	Neg AP, PSA	Neg RSID	
ZY9YA6					
Item 3	Pos	KM	NT	NT	Human Origin, Pos PowerQuant
Item 4	Pos	KM	NT	NT	Human Origin, Pos PowerQuant

Table 1: Serology Screening Response Summary				Item 3	Participants: 593
ITEM 3:	<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>		
Positive	588	0	0		
Negative	0	301	119		
Inconclusive	0	0	0		
Not Tested (NT)	4	281	456		
Not Reported	1	11	18		

Table 1: Serology Screening Response Summary				Item 4	Participants: 593
ITEM 4:	<u>Blood</u>	<u>Semen</u>	<u>Saliva</u>		
Positive	588	0	0		
Negative	0	301	113		
Inconclusive	0	0	1		
Not Tested (NT)	4	280	458		
Not Reported	1	12	21		

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

22DA8Y	PowerPlex® 21					
	15.3,17	19,19		15,18	12,12	12,17
1	11,12	12,16		18,18	11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18					
<hr/>						
23384D	Identifiler® Plus, MiniFiler					
		19		15,18	12	
1	11,12	12,16			11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29				7,8	11
	16,18					
<hr/>						
24U6D7	GlobalFiler™, Investigator® 24plex					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
<hr/>						
24WWJN	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
<hr/>						
26D7FZ	GlobalFiler™ Express					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
<hr/>						
26V2W2	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

2A2Q4N	PowerPlex® Fusion					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
2AEG9L	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
2D7P6M	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
2D7RR7	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
2EXBCE	PowerPlex® Fusion 5C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	10				
2FCRV8	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
2G8VH8	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

2KQH69	GlobalFiler™ Express					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
2LJXAV	PowerPlex® Fusion6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
2MDXEF	Investigator® 24plex QS					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10				
2N6MQ2	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
2N96QL	PowerPlex® Fusion 6C (STRmix)					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
2U6C6F	Identifiler® Plus, GlobalFiler™, MiniFiler					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
2V6NRB	PowerPlex® F6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	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

2V7BCU	Identifiler® Plus					
		19		15,18	12	
1	11,12	12,16			11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29				7,8	11
	16,18					
2WQ9J8	Investigator® 24plex IDplex Go!					
		19,19		15,18	12,12	
1	11,12	12,16			11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29				7,8	11,11
	16,18					
2XBUJ4	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
2Y4DBA	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
2Y73HR	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
2YPUM6	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
2YXQH4	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			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 1 - STR Results

2ZUZQD	PowerPlex® Fusion6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
39FMXU	Identifiler® Plus					
		19,19		15,18	12,12	
1	11,12	12,16			11,12	8,10
	17,20	12,2,15	27,31		X,Y	11,14
	22,29				7,8	11,11
	16,18					
3AABGQ	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	N/A
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	N/A	N/A	18,28.2	7,8	11,11
	16,18	10	N/A	N/A	2	
3ACZLM	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
3AK2N3	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
3BB86T	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
3BCKMZ	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			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 1 - STR Results

3BZLUC	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
3CMX2P	PowerPlex® Fusion 5C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	10				
3D8WQF	PowerPlex® Fusion 6C (STRMix)					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
3DK3YX	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
3FQNMX	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
3J49EQ	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
3M4HKL	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

3N2W7J	Investigator® 24plex					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10				
3R26BU	Identifiler® Plus					
		19		15,18	12	
1	11,12	12,16			11,12	8,10
	17,20	12,2,15	27,31		X,Y	11,14
	22,29				7,8	11
	16,18					
3VFNBX	PowerPlex® Fusion 5C					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18	10				
3VZJVX	Identifiler®, GlobalFiler™ Express					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10				
3WC6GT	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
3WDET6	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
3XTT6K	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

3YH4XY	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
44K78L	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
492NBP	PowerPlex® Fusion					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	INC				
494K9K	Investigator® 24plex QS					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10				
49NMX4	PowerPlex® Fusion 6C					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17		
4BVL6V	PowerPlex® Fusion 5C					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18	10				
4C6CYR	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

4F82QZ	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
4FMQ6R	PowerPlex® Fusion 6C Direct					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
4J8AUB	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
4JYE9P	Identifiler® Plus					
		19		15,18	12	
1	11,12	12,16			11,12	8,10
	17,20	12,2,15	27,31		X,Y	11,14
	22,29				7,8	11
	16,18					
4L44BY	PowerPlex® Fusion 5C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	10				
4LNV8Q	PowerPlex® Fusion					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18	INC				
4NBCJJ	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			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 1 - STR Results

4NKGP3	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
4Q46UU	Investigator® 24plex QS					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10				
4QHNBT	Identifiler® Plus, NGMSE					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18					
4RU8MB	PowerPlex® Fusion 6C, GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17	2	
4TBCEM	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
4Z7L8R	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
4ZCGAD	Investigator® 24plex GO!					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10				

TABLE 2

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

Item 1 - STR Results

68PHW7	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
69K2WL	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
6B2WFY	Identifiler® Direct					
	-	19	-	15,18	12	-
1	11,12	12,16	-	-	11,12	8,10
	17,20	12.2,15	27,31	-	X,Y	11,14
	22,29	-	-	-	7,8	11
	16,18	-	-	-	-	
6BQGC6	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
6DB3QT	PowerPlex® Fusion 6C, Investigator® 24plex QS					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
6DDPFT	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
6EMA4E	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	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

6ER7GD	Identifiler® Plus					
		19		15,18	12	
1	11,12	12,16			11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29				7,8	11
	16,18					
6EV4CN	PowerPlex® 21					
	15.3,17	19,19		15,18	12,12	12,17
1	11,12	12,16		18,18	11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18					
6FYJZZ	Investigator® 24plex QS (STRmix)					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10				
6H9YL7	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
6JHKZT	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
6JUEKV	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
6KEDBK	PowerPlex® ESX 16 Fast					
	15.3,17	19,19	11,11	15,18		
1		12,16	13,16	18,18		8,10
	17,20	12.2,15	27,31	11,15	X,Y	
	22,29				7,8	
	16,18					

TABLE 2

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

Item 1 - STR Results

6KEJ97	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
6KHE7E	GlobalFiler™ Express					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
6MK3AM	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
6QCMAR	PowerPlex® Fusion 5C					
	15,3,17	19	11	15,18	12	NA
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	NA	7,8	11
	16,18	10	NA	NA	NA	
6QYH2Z	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
6RKZDL	PowerPlex® PP21					
	15,3,17	19,19		15,18	12,12	12,17
1	11,12	12,16		18,18	11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18					
6VB3VL	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

6WA8CF	Investigator® 24plex (STRmix)					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10				
6XTBRZ	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
6Z8NK4	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
77KXEP	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
788RNL	Identifiler® Plus					
		19,19		15,18	12,12	
1	11,12	12,16			11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29				7,8	11,11
	16,18					
79AH7F	PowerPlex® Fusion					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18	INC				
79E7UR	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			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 1 - STR Results

7AQEU9	GlobalFiler™ (STRmix 2.4)					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
7CWZHY	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
7E8BLB	Investigator® 24plex GO!					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10				
7EWAD9	PowerPlex® Fusion					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	10				
7GB2RP	PowerPlex® Fusion 6C Direct					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
7MFCVW	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
7QCZEY	PowerPlex® Fusion, NGM SElect					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10				

TABLE 2

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

Item 1 - STR Results

7QQLF	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
7R6TAH	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
7TP2KD	PowerPlex® Fusion 6C (STRmix)					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
7UAFN9	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
7VR2G4	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
7WKCGR	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
7WQ6EK	Identifiler® Plus					
		19,19		15,18	12,12	
1	11,12	12,16			11,12	8,10
	17,20	12,2,15	27,31		X,Y	11,14
	22,29				7,8	11,11
	16,18					

TABLE 2

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

Item 1 - STR Results

82QLRT	PowerPlex® Fusion 6C					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17		
876LFQ	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
87LBAP	Identifiler® Plus					
		19		15,18	12	
1	11,12	12,16			11,12	8,10
	17,20	12,2,15	27,31		X,Y	11,14
	22,29				7,8	11
	16,18					
87VGCT	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
8ET3LZ	PowerPlex® Fusion					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	10				
8F29VV	PowerPlex® Fusion 24					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	10				
8FA246	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

8FXPRZ	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
8GQKE9	GlobalFiler™ Express					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
8K9EXA	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
8QUX9G	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
8RHV4V	GlobalFiler™					
	15,3,17	19	11	15,18	12	-
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	-	-	18,28.2	7,8	11
	16,18	10	-	-	2	
8TX2U8	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
8VMDNB	Identifiler® Plus					
		19		15,18	12	
1	11,12	12,16			11,12	8,10
	17,20	12,2,15	27,31		X,Y	11,14
	22,29				7,8	11
	16,18					

TABLE 2

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

Item 1 - STR Results

8W996J	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
8WEN7Q	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
8ZGBD3	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
924AQY	PowerPlex® Fusion 5C and 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
92KJQQ	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
92M6L8	PowerPlex® F6C					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17		
9397RT	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	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

93P9E3	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
94C6K9	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
9AL8M4	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
9BFV7Y	PowerPlex® 5C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	10				
9F2L2N	PowerPlex® Fusion 5C					
	15,3,17	19	11	15,18	12	NA
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	NA	7,8	11
	16,18	10	NA	NA	NA	
9FQJTW	Investigator® 24plex					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10				
9GH3MM	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

9GZTGM	Identifiler® Plus					
		19		15,18	12	
1	11,12	12,16			11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29				7,8	11
	16,18					
9KJ7EA	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
9KX8TQ	PowerPlex® Fusion 5C					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18	10				
9MUH9R	PowerPlex® Fusion 5C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	10				
9NHYZ	Investigator® 24plex					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10				
9PUQC3	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
9Q6PCD	PowerPlex® Fusion					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18	INC				

TABLE 2

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

Item 1 - STR Results

9QAHEC	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
9R3E2L	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
9RER64	PowerPlex® Fusion 6C					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17		
9T7XE3	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
9U9RNE	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
9WPPQ6	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
9WTFT7	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

9ZYNCY	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
A2J7F4	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
A2KWVY	PowerPlex® Fusion 6C					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17		
A4EYZ9	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
A68UMG	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	-
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17	-	
A97X24	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
AAD9LL	PowerPlex® Fusion					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	INC				

TABLE 2

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

Item 1 - STR Results

ABM4K7	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
ACNH34	GlobalFiler™ Express					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
ADHDGZ	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
AJLDYG	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
AKEK8F	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
AQ4N9C	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
AQGTF4	Investigator® 24plex					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10				

TABLE 2

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

Item 1 - STR Results

AWUWYW	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
AXTVEP	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
AZ7GB7	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
AZPH2E	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
B2D6E3	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
B4QUM7	Investigator® 24plex QS (STRmix)					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10				
B92PLN	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	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

B93493	PowerPlex® Fusion 6C (STRmix)					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
B9XCUL	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
BB26LY	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
BCB7FK	PowerPlex® Fusion 5C, GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10			2	
BDUANP	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
BDV3KC	PowerPlex® Fusion 6C (STRMix)					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
BJD9NR	PowerPlex® Fusion 5C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	10				

TABLE 2

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

Item 1 - STR Results

BJGLHF	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
BKZEQ6	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
BL9CR7	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
BMDE84	Identifiler® Plus, MiniFiler					
		19		15,18	12	
1	11,12	12,16			11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29				7,8	11
	16,18					
BMUN6B	PowerPlex® Fusion					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18	INC				
BN7DHV	PowerPlex® Fusion					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18	10				
BQYLZJ	PowerPlex® Fusion 6C Direct					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	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

BRXWTZ	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
BYBBDC	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
C2EJ3M	PowerPlex® F6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
C4FEY4	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
C4GDTC	Identifiler® Plus, GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
C68LQU	PowerPlex® 16, ESX 17					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18					
C6FYT4	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

C84RVT	Investigator® 24plex					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10				
C9DZMZ	PowerPlex® Fusion 5C					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18	10				
CA8N4B	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
CAA9YQ	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
CBMTUL	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
CCJMQC	PowerPlex® F6C					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17		
CDHV7Z	GlobalFiler™ Express					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			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 1 - STR Results

CFBUFT	GlobalFiler™, Investigator® 24plex					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
CFFVZ	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
CG7A4B	Investigator® 24plex					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10				
CHPGQY	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
CJDEXY	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
CJGHNA	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
CMTXPF	PowerPlex® Fusion 6C, GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	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

CN8FTL	PowerPlex® ESI-17 FAST, ESX-17 Fast					
	15.3,17	19,19	11,11	15,18		
1		12,16	13,16	18,18		8,10
	17,20	12.2,15	27,31	11,15	X,Y	
	22,29			18,28.2	7,8	
	16,18					
CNNKGC	Investigator® 24plex					
	15.3,17	19,19	11,11	15,18	12,12	
1		12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10				
CNW3UN	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	Not Tested
1		12,16	{13,16}	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	Not Tested	Not Tested	18,28.2	7,8	11,11
	16,18	10	Not Tested	Not Tested	2	
CQ7ZBF	PowerPlex® Fusion 5C					
	15.3,17	19	11	15,18	12	
1		12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	10				
CR9XDE	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1		12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
CTHLDY	PowerPlex® F6C					
	15.3,17	19	11	15,18	12	
1		12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
CWDD8P	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1		12,16	{13,16}	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			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 1 - STR Results

CZF6P3	Identifiler® Plus					
		19		15,18	12	
1	11,12	12,16			11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29				7,8	11
	16,18					
D3KBLM	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
D4Y23P	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
D6E7VW	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
D6WCXT	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
D7HNEE	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	N/T
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	N/T	N/T	18,28.2	7,8	11,11
	16,18	10	N/T	N/T	2	
D7KCUX	PowerPlex® F6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	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

DB2UXZ	Investigator® 24plex					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10				
DBLYM7	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
DEL67J	PowerPlex® Fusion 6C Direct					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
DFBCL9	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	not tested
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17	not tested	
DHWTC3	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
DKL73L	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
DKQEHZ	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

DLEUR9	Investigator® 24plex (STRmix)					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10				
DN8DLY	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
DNMAYE	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
DTGVZP	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
DWR9F3	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
E2HZ3P	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
E2JTUH	PowerPlex® Fusion 6C; ESI 17 FAST; 21, NGM SElect; NGM DEtect					
	15.3,17	19,19	11,11	15,18	12,12	12,17
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17	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 1 - STR Results

E7EBEP	GlobalFiler™, Investigator® 24plex					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
EEDFJX	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
EETEHV	GlobalFiler™ Express					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
EFNWND	PowerPlex® Fusion 5C, GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10			2	
EHWHLW	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
EHZ6Y4	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
EK6RC9	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	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

EKNE96	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
ELXJNE	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
EMME8V	PowerPlex® Fusion 5C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	10				
EMP4CT	PowerPlex® Fusion 6C					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17		
EN6YW7	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
ERYX6A	PowerPlex® Fusion 6C (STRmix)					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
EYUMAL	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	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

F27R49	Investigator® 24plex QS					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10				
F3ZMKP	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
F6ZJMK	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
FAD9D9	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
FBBGLR	Investigator® 24plex					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10				
FCNCN6	PowerPlex® 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
FDUR7P	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			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 1 - STR Results

FDYFTG	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
FF2XRQ	PowerPlex® Fusion 6C					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17		
FGNHKN	GlobalFiler™					
	15,3,17	19	11	15,18	12	-
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	-	-	18,28.2	7,8	11
	16,18	10	-	-	2	
FJFHTK	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
FMEUJQ	PowerPlex® Fusion					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	10				
FNTDJF	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
FQ7VQR	GlobalFiler™ Express					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			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 1 - STR Results

FQ9VZL	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
FU6HTA	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	-
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17	-	
FYZVET	PowerPlex® Fusion 6C					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17		
G2AVBH	Identifiler® Plus					
		19		15,18	12	
1	11,12	12,16			11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29				7,8	11
	16,18					
G2M9WF	PowerPlex® Fusion 6C Direct					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
G3AFUD	PowerPlex® Fusion					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	INC				
G3V4ZE	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

G4Q4DX	GlobalFiler™						
		15.3,17	19,19	11,11	15,18	12,12	
	1	11,12	12,16	13,16	18,18	11,12	8,10
		17,20	12.2,15	27,31	11,15	X,Y	11,14
		22,29			18,28.2	7,8	11,11
		16,18	10			2	
G7H3RW	PowerPlex® Fusion 6C						
		15.3,17	19	11	15,18	12	
	1	11,12	12,16	13,16	18	11,12	8,10
		17,20	12.2,15	27,31	11,15	X,Y	11,14
		22,29	8,13	8,15	18,28.2	7,8	11
		16,18	10	14	17		
GABW3X	GlobalFiler™						
		15.3,17	19,19	11,11	15,18	12,12	
	1	11,12	12,16	13,16	18,18	11,12	8,10
		17,20	12.2,15	27,31	11,15	X,Y	11,14
		22,29			18,28.2	7,8	11,11
		16,18	10			2	
GBQH47	GlobalFiler™ (STRmix)						
		15.3,17	19,19	11,11	15,18	12,12	
	1	11,12	12,16	13,16	18,18	11,12	8,10
		17,20	12.2,15	27,31	11,15	X,Y	11,14
		22,29			18,28.2	7,8	11,11
		16,18	10,10			2,2	
GDUXDC	GlobalFiler™						
		15.3,17	19	11	15,18	12	
	1	11,12	12,16	13,16	18	11,12	8,10
		17,20	12.2,15	27,31	11,15	X,Y	11,14
		22,29			18,28.2	7,8	11
		16,18	10			2	
GFFVEM	PowerPlex®, verifiler (Familias)						
		15.3,17	19,19	11,11	15,18	12,12	12,17
	1	11,12	12,16	13,16	18,18	11,12	8,10
		17,20	12.2,15	27,31	11,15	X,Y	11,14
		22,29	8,13	8,15		7,8	11,11
		16,18	10			2	
GL8TBQ	PowerPlex® Fusion 6C						
		15.3,17	19,19	11,11	15,18	12,12	
	1	11,12	12,16	13,16	18,18	11,12	8,10
		17,20	12.2,15	27,31	11,15	X,Y	11,14
		22,29	8,13	8,15	18,28.2	7,8	11,11
		16,18	10	14	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

GMMFDK	PowerPlex® 21					
	15,3,17	19,19		15,18	12,12	12,17
1	11,12	12,16		18,18	11,12	8,10
	17,20	12,2,15	27,31		X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18					
GPKMYB	Identifiler® Direct					
		19,19		15,18	12,12	
1	11,12	12,16			11,12	8,10
	17,20	12,2,15	27,31		X,Y	11,14
	22,29				7,8	11,11
	16,18					
GPZ3BQ	PowerPlex® Fusion					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	10				
GUJWEJ	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
GVCY8D	Identifiler® Plus					
		19		15,18	12	
1	11,12	12,16			11,12	8,10
	17,20	12,2,15	27,31		X,Y	11,14
	22,29				7,8	11
	16,18					
GVT6GC	PowerPlex® Fusion					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	INC				
GW7AXR	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

GWTEWU	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
GYAKTP	PowerPlex® F6C					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17		
H6R2Z6	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
H77LMN	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
H8FTPG	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
HBBGCP	Identifiler® Plus					
		19,19		15,18	12,12	
1	11,12	12,16			11,12	8,10
	17,20	12,2,15	27,31		X,Y	11,14
	22,29				7,8	11,11
	16,18					
HEZV7J	GlobalFiler™ GlobalFiler Express					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

HGCX83	PowerPlex® Fusion 6C					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17		
HMG7JK	GlobalFiler™ Express					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
HNTCA9	Identifiler® Plus					
		19,19		15,18	12,12	
1	11,12	12,16			11,12	8,10
	17,20	12,2,15	27,31		X,Y	11,14
	22,29				7,8	11,11
	16,18					
HPWZ2D	PowerPlex® Fusion (STRmix)					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	INC				
HTPZNU	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
HUY8P3	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	NA
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17	NA	
HV4A8L	GlobalFiler™, Investigator® 24plex					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

HW3F2M	Investigator® 24plex					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10				
HYPY3K	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
HYXGGG	PowerPlex® Fusion 6C					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17		
HYYBZM	Identifiler® Plus, MiniFiler					
		19		15,18	12	
1	11,12	12,16			11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29				7,8	11
	16,18					
J2U7K3	Investigator® 24plex (STRmix)					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10				
J4P6DE	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
J7KFRF	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

J8YKQE	Identifiler® Plus					
		19		15,18	12	
1	11,12	12,16			11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29				7,8	11
	16,18					
J94FQH	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
JBjuHQ	Investigator® 24plex					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10				
JDNL4Q	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
JH3ZEX	Investigator® 24plex QS					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10				
JJUGMQ	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
JKBGX9	PowerPlex® 21					
	15.3,17	19,19		15,18	12,12	12,17
1	11,12	12,16		18,18	11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18					

TABLE 2

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

Item 1 - STR Results

JMGUQ3	PowerPlex® F6C					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17		
JQKM3E	Identifiler® Plus					
		19,19		15,18	12,12	
1	11,12	12,16			11,12	8,10
	17,20	12,2,15	27,31		X,Y	11,14
	22,29				7,8	11,11
	16,18					
JR3TJH	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
JV23FD	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
JV3Q4J	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
JVGE6A	PowerPlex® Fusion					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18	INC				
JVQJG	PowerPlex® 21					
	15,3,17	19,19		15,18	12,12	12,17
1	11,12	12,16		18,18	11,12	8,10
	17,20	12,2,15	27,31		X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18					

TABLE 2

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

Item 1 - STR Results

JX4VG4	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
JZJ29Z	Investigator® 24plex (STRMix)					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10				
JZJK92	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
K2MBNA	PowerPlex® Fusion					
	15.3,17	19,19	11,11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18	INC				
K6NQER	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
K7CWB3	PowerPlex® Fusion 5C					
	15.3,17	19	11	15,18	12	NA
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	NA	7,8	11
	16,18	10	NA	NA	NA	
K7EH7J	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			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 1 - STR Results

K7NJG7	Identifiler® Plus					
		19,19		15,18	12,12	
1	11,12	12,16			11,12	8,10
	17,20	12.5,15	27,31		X,Y	11,14
	22,29				7,8	11,11
	16,18					
K8A84K	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
K8V4ZY	PowerPlex® Fusion 6C (STRmix)					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
K8VPEL	PowerPlex® Fusion 6C					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17		
K996XE	PowerPlex® 6C, Investigator® 24plex QS					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
KCNAGM	PowerPlex® Fusion 5C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	10				
KCUEZ7	Identifiler® Plus (STRmix)					
		19,19		15,18	12,12	
1	11,12	12,16			11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29				7,8	11,11
	16,18					

TABLE 2

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

Item 1 - STR Results

KEWYPK	GlobalFiler™					
	15,3,17	19	11	15,18	12	
	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
KFJPLH	Identifiler® Direct					
	-	19	-	15,18	12	-
	11,12	12,16	-	-	11,12	8,10
	17,20	12,2,15	27,31	-	X,Y	11,14
	22,29	-	-	-	7,8	11
	16,18	-	-	-	-	
KG3JDK	GlobalFiler™					
	15,3,17	19	11	15,18	12	
	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
KGKTJL	GlobalFiler™					
	15,3,17	19	11	15,18	12	
	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
KHQU DL	PowerPlex® Fusion 5C, GlobalFiler™					
	15,3,17	19	11	15,18	12	
	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10			2	
KHTJK4	PowerPlex® Fusion 5C					
	15,3,17	19	11	15,18	12	NA
	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	NA	7,8	11
	16,18	10	NA	NA	NA	
KJNRRT	GlobalFiler™					
	15,3,17	19	11	15,18	12	
	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

KKJAVF	PowerPlex® Fusion 5C						
		15.3,17	19,19	11,11	15,18	12,12	
	1	11,12	12,16	13,16	18,18	11,12	8,10
		17,20	12.2,15	27,31	11,15	X,Y	11,14
		22,29	8,13	8,15		7,8	11,11
	16,18	10					
KMMH6E	PowerPlex® Fusion 6C						
		15.3,17	19	11	15,18	12	
	1	11,12	12,16	13,16	18	11,12	8,10
		17,20	12.2,15	27,31	11,15	X,Y	11,14
		22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17			
KRDUM4	GlobalFiler™						
		15.3,17	19,19	11,11	15,18	12,12	
	1	11,12	12,16	13,16	18,18	11,12	8,10
		17,20	12.2,15	27,31	11,15	X,Y	11,14
		22,29			18,28.2	7,8	11,11
	16,18	10			2		
KRZB6K	GlobalFiler™						
		15.3,17	19	11	15,18	12	
	1	11,12	12,16	13,16	18	11,12	8,10
		17,20	12.2,15	27,31	11,15	X,Y	11,14
		22,29			18,28.2	7,8	11
	16,18	10			2		
KWVDGD	GlobalFiler™						
		15.3,17	19	11	15,18	12	
	1	11,12	12,16	13,16	18	11,12	8,10
		17,20	12.2,15	27,31	11,15	X,Y	11,14
		22,29			18,28.2	7,8	11
	16,18	10			2		
KY7BVU	GlobalFiler™ Express						
		15.3,17	19	11	15,18	12	
	1	11,12	12,16	13,16	18	11,12	8,10
		17,20	12.2,15	27,31	11,15	X,Y	11,14
		22,29			18,28.2	7,8	11
	16,18	10			2		
L2WJ7A	Identifiler® DIRECT						
			19		15,18	12	
	1	11,12	12,16			11,12	8,10
		17,20	12.2,15	27,31		X,Y	11,14
		22,29				7,8	11
	16,18						

TABLE 2

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

Item 1 - STR Results

L2YKXM	PowerPlex® Fusion 6C					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17		
L4RRFJ	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
L84ABZ	PowerPlex® Fusion					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18	10				
L8HL3D	GlobalFiler™ (GeneMapper ID-X 1.5)					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
L8QKHA	Identifiler® Plus					
		19		15,18	12	
1	11,12	12,16			11,12	8,10
	17,20	12,2,15	27,31		X,Y	11,14
	22,29				7,8	11
	16,18					
LBAEJG	GlobalFiler™ Express					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10				
LBUUNQ	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			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 1 - STR Results

LGG4Y4	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
LHKY8K	PowerPlex® Fusion 5C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	10				
LJYLJ8	Identifiler® Direct					
	-	19	-	15,18	12	-
1	11,12	12,16	-	-	11,12	8,10
	17,20	12.2,15	27,31	-	X,Y	11,14
	22,29	-	-	-	7,8	11
	16,18	-	-	-	-	
LKT6TL	Identifiler® Plus					
		19,19		15,18	12,12	
1	11,12	12,16			11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29				7,8	11,11
	16,18					
LLXP8V	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
LNBAGJ	GlobalFiler™, Investigator® 24plex					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
LNWMGG	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

LPW7H4	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
LRAN7T	Identifiler® Plus					
		19		15,18	12	
1	11,12	12,16			11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29				7,8	11
	16,18					
LRE4C8	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
LRWLL	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
LRYBQH	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
LUJV82	PowerPlex® Fusion 5C					
	15.3,17	19	11	15,18	12	NA
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	NA	7,8	11
	16,18	10	NA	NA	NA	
LULF4G	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			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 1 - STR Results

LVDCQP	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
LVVKEK	Identifiler® Plus					
		19,19		15,18	12,12	
1	11,12	12,16			11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29				7,8	11,11
	16,18					
LYEFHC	Identifiler®, Investigator® 24plex					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10				
LZ43JE	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	Not Tested
1	11,12	12,16	{13,16}	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	Not Tested	Not Tested	18,28.2	7,8	11,11
	16,18	10	Not Tested	Not Tested	2	
M3QQZY	Investigator® 24plex					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10				
M4ZRUK	Identifiler® Plus					
		19,19		15,18	12,12	
1	11,12	12,16			11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29				7,8	11,11
	16,18					
M6E4Q4	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	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

M77BNL	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
M7LHXA	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
M9GNJZ	PowerPlex® Fusion 6C (STRmix)					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
M9JGFM	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
M9L7L7	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
MABC3W	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
MDW2KN	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

MF3ECM	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
MGVFAY	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	N/A
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17	N/A	
MLR24M	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
MLTU2U	GlobalFiler™ (STRmix)					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
MMKVY6	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
MN6G38	Identifiler® Direct					
		19		15,18	12	
1	11,12	12,16			11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29				7,8	11
	16,18					
MRJ6BT	GlobalFiler™ Express					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

MT6KAL	GlobalFiler™ Express					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
MUXGG3	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
MWMDA9	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
MWNZVT	GlobalFiler™ Express					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
MYNZC7	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
N47AMG	Investigator® 24plex, MiniFiler					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10				
N699K3	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

N8J9MP	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
N8PRWR	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
NB6GWW	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	-
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17	-	
NCFLTM	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
ND73Q2	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
NE688V	Investigator® 24plex					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10				
NFV9AD	Identifiler®, GlobalFiler™ Express					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10				

TABLE 2

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

Item 1 - STR Results

NG4FKT	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
NGJTX4	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
NGLH22	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
NJULXX	PowerPlex® Fusion 5C					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18	10				
NJV6D	Identifiler®, GlobalFiler™ Express					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10				
NN2ABY	Identifiler® Plus, GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
NNYJ6G	PowerPlex® 5C, 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	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

NP6KKP	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
NPMMDJ	Investigator® 24plex (STRmix)					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10				
NRRBWF	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
NVW7RW	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
NW6JD6	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
NXXC73	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
NY8GJQ	GlobalFiler™ (STRmix)					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			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 1 - STR Results

NYB7JH	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
P36FCV	PowerPlex® Fusion 6C					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17		
P4JR8E	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
P7T7TM	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
P9FBF6	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
P9RTUP	PowerPlex® F6C					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17		
PEXGXQ	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

PG64LA	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
PGJZM3	PowerPlex® Fusion, GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10			2	
PJ8JVF	PowerPlex® F6C (STRmix)					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17		
PJDEFR	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
PPW8AX	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
PR3JA9	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
PV8PT7	PowerPlex® Fusion 6C Direct					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	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

PWREJQ	PowerPlex® Fusion 5C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	10				
PXL3Z2	PowerPlex® 16, Fusion 6C, GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17	2	
PYM3Q8	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
PYMRLB	GlobalFiler™ Express					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
PYNGZG	PowerPlex® Fusion 6C					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17		
Q2R6W3	PowerPlex® Fusion 6C DIRECT					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
Q3XYQW	PowerPlex® Fusion					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	INC				

TABLE 2

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

Item 1 - STR Results

Q4MLRY	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
Q4TL6L	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
Q76TQ8	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
Q97DKE	GlobalFiler™ (STRmix)					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
QBELRD	Investigator® 24plex					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10				
QCRHD3	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
QE8NH7	PowerPlex® Fusion 5C					
	15.3,17	19	11	15,18	12	NA
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	NA	7,8	11
	16,18	10	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

QFMZ6H	PowerPlex® Fusion					
	15,3,17	19	11	15,18	12	
1	11,12	12,[16]	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	10				
QGTP2Y	PowerPlex® Fusion					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18	10				
QHV42E	PowerPlex® Fusion 6C					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17		
QKQ4J6	PowerPlex® Fusion Direct					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
QPUV8M	PowerPlex® F6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
QTVBY6	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
QTYEEW	Investigator® 24plex					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10				

TABLE 2

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

Item 1 - STR Results

QU7QXJ	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
QU8HZ8	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
QUNMH7	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
QV62A	PowerPlex® 16 HS					
				15,18	12,12	
1	11,12	12,16			11,12	8,10
	17,20		27,31		X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18					
QXGP9Y	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	-
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	-	-	18,28.2	7,8	11,11
	16,18	10	-	-	2	
QZCEJ8	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
QZVAEF	Investigator® 24plex					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10				

TABLE 2

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

Item 1 - STR Results

R3RBMN	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
R3ZYE4	Identifiler® Plus					
		19		15,18	12	
1	11,12	12,16			11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29				7,8	11
	16,18					
R4BN9K	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
R678C8	PowerPlex® Fusion 5C					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18	10				
R8PRXW	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
R8X2F3	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
RBCXL6	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

RFFEL8	PowerPlex® Fusion 5C, MiniFiler					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18	10				
RGK3UR	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
RHAW93	PowerPlex® Fusion					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	INC				
RHKUAD	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
RHTAY7	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
RK2DY9	PowerPlex® 21					
	15.3,17	19,19		15,18	12,12	12,17
1	11,12	12,16		18,18	11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18					
RP69X4	PowerPlex® Fusion 5C					
	15.3,17	19	11	15,18	12	NA
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	NA	7,8	11
	16,18	10	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

RPRYHV	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
RQGVH4	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
RVVK9R	Investigator® 24plex					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10				
RZ22KA	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
RZ4WZY	PowerPlex® Fusion 5C, GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10			2	
T22UCK	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
T4KJ9C	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			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 1 - STR Results

T6DC4V	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
T6VJ7R	PowerPlex® Fusion					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	INC				
T7MBAX	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
T886CL	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
T9GWHG	PowerPlex® Fusion 6C (ArmedXpert)					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
TA6QLB	PowerPlex® Fusion 5C, Investigator® 24plex					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10				
TAPEXD	PowerPlex® Fusion					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	10				

TABLE 2

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

Item 1 - STR Results

TBGE7B	Identifiler® Direct					
	-	19	-	15,18	12	-
1	11,12	12,16	-	-	11,12	8,10
	17,20	12.2,15	27,31	-	X,Y	11,14
	22,29	-	-	-	7,8	11
	16,18	-	-	-	-	
TH3A8E	Identifiler® Plus					
		19,19		15,18	12,12	
1	11,12	12,16			11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29				7,8	11,11
	16,18					
TJ4E9N	Investigator® 24plex GO					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10				
TKVDPD	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
TPH7VL	PowerPlex® F6C					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17		
TRD3PT	PowerPlex® Fusion 6C					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17		
TTLNC3	PowerPlex® Fusion					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	INC				

TABLE 2

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

Item 1 - STR Results

TUHQ6H	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
TVAQ3T	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
TW2FZA	Identifiler® Direct					
	-	19	-	15,18	12	-
1	11,12	12,16	-	-	11,12	8,10
	17,20	12.2,15	27,31	-	X,Y	11,14
	22,29	-	-	-	7,8	11
	16,18	-	-	-	-	
TW7GFH	Investigator® 24plex					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10				
TW9DL8	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
TXGDVU	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
TY7ZWW	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			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 1 - STR Results

U7CEQJ	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28,2	7,8	11
	16,18	10			2	
U7EWWV	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28,2	7,8	11
	16,18	10			2	
U7GG4W	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28,2	7,8	11,11
	16,18	10			2	
UFFNYU	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28,2	7,8	11
	16,18	10	14	17		
UGG9A3	Identifiler® Plus					
		19,19		15,18	12,12	
1	11,12	12,16			11,12	8,10
	17,20	12,2,15	27,31		X,Y	11,14
	22,29				7,8	11,11
	16,18					
UHBWTX	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28,2	7,8	11,11
	16,18	10			2	
UHF3KU	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28,2	7,8	11,11
	16,18	10			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 1 - STR Results

UK96GA	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
UNRK42	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
UPFKY7	GlobalFiler™ (STRmix)					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
URRMAP	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
V2W2PW	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
V7JKDR	Investigator® 24plex					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10				
V83UJR	PowerPlex® F6C					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	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

VBTYLP	PowerPlex® Fusion 5C, MiniFiler					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18	10				
VCYCZT	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
VDPMT7	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
VFXPNH	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
VG68KT	Investigator® 24plex QS					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10				
VJVDZJ	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
VKHH9B	Identifiler® Plus					
		19,19		15,18	12,12	
1	11,12	12,16			11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29				7,8	11,11
	16,18					

TABLE 2

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

Item 1 - STR Results

VMX8ZA	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
VN2DC4	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
VP937Y	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
VPNDJK	GlobalFiler™ Express					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
VRNN78	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
VWHGMG	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
VYNNM4	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	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

VZ48UD	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
W3G2QJ	Investigator® 24plex QS					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10				
W6MHUG	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
WA66X8	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
WAJGR7	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
WAMFWU	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
WBBZDY	PowerPlex® Fusion					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	INC				

TABLE 2

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

Item 1 - STR Results

WBT8HG	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
WCZME2	Identifiler® + Plus					
		19,19		15,18	12,12	
1	11,12	12,16			11,12	8,10
	17,20	12,2,15	27,31		X,Y	11,14
	22,29				7,8	11,11
	16,18					
WEAGPT	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
WHDNAB	PowerPlex® Fusion 5C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	10				
WKC3B	Identifiler® Plus					
		19,19		15,18	12,12	
1	11,12	12,16			11,12	8,10
	17,20	12,2,15	27,31		X,Y	11,14
	22,29				7,8	11,11
	16,18					
WKJ6PU	Identifiler® Plus					
		19,19		15,18	12,12	
1	11,12	12,16			11,12	8,10
	17,20	12,2,15	27,31		X,Y	11,14
	22,29				7,8	11,11
	16,18					
WLP838	PowerPlex® 5C, Investigator® 24plex					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10				

TABLE 2

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

Item 1 - STR Results

WN2T7F	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
WPK686	PowerPlex® Fusion 6C, GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	NOT TESTED
1	11,12	{12,16}	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17	2	
WQRZG6	PowerPlex® Fusion 5C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15		7,8	11
	16,18	10				
WVXKEA	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
WWEBKD	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
WYCEZ9	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
WYE47Q	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

WYGP37	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
WZCK9F	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
X3B7R7	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
X3G4D3	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
X3YTEF	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	-
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	-	-	18,28.2	7,8	11,11
	16,18	10	-	-	2	
X44YMN	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
X7J844	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10				

TABLE 2

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

Item 1 - STR Results

X94767	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
XAV9TG	Identifiler® Plus					
		19		15,18	12	
1	11,12	12,16			11,12	8,10
	17,20	12,2,15	27,31		X,Y	11,14
	22,29				7,8	11
	16,18					
XBMCCF	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
XE4MJR	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
XETLUD	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
XMMYMK	Identifiler® Plus					
		19		15,18	12	
1	11,12	12,16			11,12	8,10
	17,20	12,2,15	27,31		X,Y	11,14
	22,29				7,8	11
	16,18					
XMYPJH	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			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 1 - STR Results

XNPVXM	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
XPW3WG	GlobalFiler™ Express					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
XQGMDZ	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
XQZTDQ	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
XRUFRE	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
XTTDTV	GlobalFiler™					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
XUN7BZ	Investigator® 24plex QS					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10				

TABLE 2

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

Item 1 - STR Results

XUZQ2W	Identifiler® Direct					
		19		15,18	12	
1	11,12	12,16			11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29				7,8	11
	16,18					
XWCMK9	Investigator® 24plex					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10				
XZFRJT	PowerPlex® 21					
	15.3,17	19,19		15,18	12,12	12,17
1	11,12	12,16		18,18	11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18					
XZUKGC	GlobalFiler™ Express					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
Y2WX43	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
Y4LWFL	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
Y4NJ27	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			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 1 - STR Results

Y7DQJG	GlobalFiler™ Express					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
YAPDMF	Identifiler® Plus, MiniFiler					
		19		15,18	12	
1	11,12	12,16			11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29				7,8	11
	16,18					
YDBMZR	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
YDHNAY	GlobalFiler™, Investigator® 24plex					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
YFHGPK	Investigator® 24plex					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10				
YHXYM3	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	NA
1	11,12	12,16	{13,16}	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	NA	NA	18,28.2	7,8	11,11
	16,18	10	NA	NA	2	
YJZN68	PowerPlex® Fusion 6C					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	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

YLZNDQ	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
YQEN8W	PowerPlex® Fusion 5C					
	15,3,17	19	11	15,18	12	NA
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	NA	7,8	11
	16,18	10	NA	NA	NA	
YRDTGH	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
YUACN4	GlobalFiler™, Investigator® 24plex					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
YXT8RW	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
Z26LN2	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	NT
1	11,12	12,16	{13,16}	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	NT	NT	18,28.2	7,8	11,11
	16,18	10	NT	NT	2	
Z3FH2T	PowerPlex® 21					
	15,3,17	19,19		15,18	12,12	12,17
1	11,12	12,16		18,18	11,12	8,10
	17,20	12,2,15	27,31		X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18					

TABLE 2

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

Item 1 - STR Results

Z69DV7	PowerPlex® Fusion 6C					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17		
ZA878V	PowerPlex® Fusion 6C Direct					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
ZAM8JQ	Identifiler® Direct					
		19,19		15,18	12,12	
1	11,12	12,16			11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29				7,8	11,11
	16,18					
ZAW6P3	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
ZCJNLU	GlobalFiler™					
	15.3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
ZD8Y4U	Identifiler® Plus					
		19		15,18	12	
1	11,12	12,16			11,12	8,10
	17,20	12.2,15	27,31		X,Y	11,14
	22,29				7,8	11
	16,18					
ZFWQBB	PowerPlex® Fusion 6C					
	15.3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12.2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	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

ZG3LNG	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
ZGN4Z4	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
ZHF97V	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
ZHKLXY	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
ZLMYYB	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
ZMT3A8	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
ZQR9Z8	Identifiler® Plus					
		19,19		15,18	12,12	
1	11,12	12,16			11,12	8,10
	17,20	12,2,15	27,31		X,Y	11,14
	22,29				7,8	11,11
	16,18					

TABLE 2

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

Item 1 - STR Results

ZT298Y	PowerPlex® Fusion 6C					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11
	16,18	10	14	17		
ZTJBMM	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
ZTJDLR	GlobalFiler™					
	15,3,17	19	11	15,18	12	
1	11,12	12,16	13,16	18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11
	16,18	10			2	
ZTWVFW	GlobalFiler™					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29			18,28.2	7,8	11,11
	16,18	10			2	
ZVY7NR	PowerPlex® PP21					
	15,3,17	19,19		15,18	12,12	12,17
1	11,12	12,16		18,18	11,12	8,10
	17,20	12,2,15	27,31		X,Y	11,14
	22,29	8,13	8,15		7,8	11,11
	16,18					
ZY9YA6	PowerPlex® Fusion 6C					
	15,3,17	19,19	11,11	15,18	12,12	
1	11,12	12,16	13,16	18,18	11,12	8,10
	17,20	12,2,15	27,31	11,15	X,Y	11,14
	22,29	8,13	8,15	18,28.2	7,8	11,11
	16,18	10	14	17		

TABLE 2

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

Item 2 - STR Results

22DA8Y	PowerPlex® 21					
	16,16	22,25		18,18	12,13	12,12
2	9,10	14,15		17,20	12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
23384D	Identifiler® Plus, MiniFiler					
		22,25		18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X	8,11
	19,23				8,9.3	11
	17,18					
24U6D7	GlobalFiler™, Investigator® 24plex					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
24WWJN	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
26D7FZ	GlobalFiler™ Express					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
26V2W2	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
2A2Q4N	PowerPlex® Fusion					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

2AEG9L	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
2D7P6M	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
2D7RR7	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
2EXBCE	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
2FCRV8	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
2G8VH8	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
2KQH69	GlobalFiler™ Express					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 2 - STR Results

2LJXAV	PowerPlex® Fusion DIRECT					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
2MDXEF	Investigator® 24plex QS					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
2N6MQ2	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
2N96QL	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
2U6C6F	Identifiler® Plus, GlobalFiler™, MiniFiler					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
2V6NRB	PowerPlex® F6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
2V7BCU	Identifiler® Plus					
		22,25		18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X	8,11
	19,23				8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

2WQ9J8	Investigator® 24plex IDplex Go!					
		22,25		18,18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					
2XBUJ4	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
2Y4DBA	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
2Y73HR	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
2YPUM6	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
2YXQH4	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
2ZUZQD	PowerPlex® Fusion6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

39FMXU	Identifiler® Plus					
		22,25		18,18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					
3AABGQ	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	N/A
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	N/A	N/A	27.2,28.2	8,9.3	11,11
	17,18	NR	N/A	N/A	NR	
3ACZLM	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
3AK2N3	GlobalFiler™ (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	-			-	
3BB86T	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
3BCKMZ	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
3BZLUC	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	No Results			No Results	

TABLE 2

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

Item 2 - STR Results

3CMX2P	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18	NR				
3D8WQF	PowerPlex® Fusion 6C (STRMix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
3DK3YX	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
3FQNMX	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
3J49EQ	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	NR	NR	NR		
3M4HKL	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
3N2W7J	Investigator® 24plex					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 2 - STR Results

3R26BU	Identifiler® Plus					
		22,25		18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X	8,11
	19,23				8,9.3	11
	17,18					
3VFNBX	PowerPlex® Fusion 5C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
3VZJX	Identifiler®, GlobalFiler™ Express					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
3WC6GT	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
3WDET6	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
3XTT6K	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
3YH4XY	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 2 - STR Results

44K78L	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	NR	NR	NR		
492NBP	PowerPlex® Fusion (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
494K9K	Investigator® 24plex QS					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
49NMX4	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
4BVL6V	PowerPlex® Fusion 5C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18	NR				
4C6CYR	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
4F82QZ	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

4FMQ6R	PowerPlex® Fusion 6C Direct					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
4J8AUB	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
4JYE9P	Identifiler® Plus					
		22,25		18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11
	17,18					
4L44BY	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
4LNV8Q	PowerPlex® Fusion					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18	INC				
4NBCJJ	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
4NKG3	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	NR	NR	NR		

TABLE 2

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

Item 2 - STR Results

4Q46UU	Investigator® 24plex QS					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
4QHNBT	Identifiler® Plus, NGMSE (RMP, Inhouse software NDB, use the population that best matches the ancestry of item 2.)					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
4RU8MB	PowerPlex® Fusion 6C, GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	10,15	27.2,28.2	8,9.3	11
	17,18					
4TBCDM	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
4Z7L8R	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
4ZCGAD	Investigator® 24plex GO!					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
68PHW7	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

69K2WL	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
6B2WFY	Identifiler® Direct					
	-	22,25	-	18	12,13	-
2	9,10	14,15	-	-	12,13	10,13
	14,17	14,15.2	28,31.2	-	XX	8,11
	19,23	-	-	-	8,9.3	11
	17,18	-	-	-	-	
6BQGC6	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
6DB3QT	PowerPlex® Fusion 6C, Investigator® 24plex QS					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
6DDPFT	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
6EMA4E	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
6ER7GD	Identifiler® Plus					
		22,25		18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X	8,11
	19,23				8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

6EV4CN	PowerPlex® 21					
	16,16	22,25		18,18	12,13	12,12
2	9,10	14,15		17,20	12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
6FYJZJ	Investigator® 24plex QS (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
6H9YL7	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
6JHKZT	GlobalFiler™ (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
6JUEKV	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
6KEDBK	PowerPlex® ESX 16 Fast					
	16,16	22,25	10,11	18,18		
2		14,15	13,14	17,20		10,13
	14,17	14,15.2	28,31.2	14,18	X	
	19,23				8,9.3	
	17,18					
6KEJ97	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

6KHE7E	GlobalFiler™ Express					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
6MK3AM	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
6QCMAR	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	NA
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	NA	8,9.3	11
	17,18	NR/NE	NA	NA	NA	
6QYH2Z	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
6RKZDL	PowerPlex® PP21					
	16,16	22,25		18,18	12,13	12,12
2	9,10	14,15		17,20	12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
6VB3VL	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
6WA8CF	Investigator® 24plex (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 2 - STR Results

6XTBRZ	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
6Z8NK4	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
77KXEP	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
788RNL	Identifiler® Plus (STRmix)					
		22,25		18,18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					
79AH7F	PowerPlex® Fusion (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
79E7UR	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
7AQEU9	GlobalFiler™ (STRmix 2.4)					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	no results			no results	

TABLE 2

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

Item 2 - STR Results

7CWZHY	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
7E8BLB	Investigator® 24plex GO!					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
7EWAD9	PowerPlex® Fusion					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
7GB2RP	PowerPlex® Fusion 6C Direct					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
7MFCVW	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
7QCZEY	PowerPlex® Fusion					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
7QQLLF	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

7R6TAH	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
7TP2KD	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
7UAFN9	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NO RESULTS			NO RESULTS	
7VR2G4	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
7WKCGR	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
7WQ6EK	Identifiler® Plus					
		22,25		18,18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					
82QLRT	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18	No Results	No Results	No Results		

TABLE 2

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

Item 2 - STR Results

876LFQ	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
87LBAP	Identifiler® Plus (STRmix)					
		22,25		18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X	8,11
	19,23				8,9.3	11
	17,18					
87VGCT	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	No results			No results	
8ET3LZ	PowerPlex® Fusion					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
8F29VV	PowerPlex® Fusion 24					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
8FA246	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
8FXPRZ	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	NR	NR	NR		

TABLE 2

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

Item 2 - STR Results

8GQKE9	GlobalFiler™ Express					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
8K9EXA	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
8QUX9G	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
8RHV4V	GlobalFiler™					
	16	22,25	10,11	18	12,13	-
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	-	-	27.2,28.2	8,9.3	11
	17,18	NR	-	-	NR	
8TX2U8	GlobalFiler™ (STRmix 2.4)					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	no results			no results	
8VMDNB	Identifiler® Plus					
		22,25		18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X	8,11
	19,23				8,9.3	11
	17,18					
8W996J	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	

TABLE 2

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

Item 2 - STR Results

8WEN7Q	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
8ZGBD3	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
924AQY	PowerPlex® Fusion 5C and 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
92KJQQ	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
92M6L8	PowerPlex® F6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
9397RT	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
93P9E3	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

94C6K9	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
9AL8M4	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
9BFV7Y	PowerPlex® 5C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18	NR				
9F2L2N	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	NA
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	NA	8,9.3	11
	17,18	NR/NE	NA	NA	NA	
9FQJTW	Investigator® 24plex					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
9GH3MM	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
9GZTGM	Identifiler® Plus					
		22,25		18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X	8,11
	19,23				8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

9KJ7EA	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
9KX8TQ	PowerPlex® Fusion 5C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18	NR				
9MUH9R	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
9NHYZ	Investigator® 24plex (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR				
9PUQC3	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	No Results			No Results	
9Q6PCD	PowerPlex® Fusion					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18	INC				
9QAHEC	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

9R3E2L	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
9RER64	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
9T7XE3	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
9U9RNE	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
9WPPQ6	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	No Results			No Results	
9WTFT7	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
9ZYNCY	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	

TABLE 2

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

Item 2 - STR Results

A2J7F4	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	no results			no results	
A2KWVY	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
A4EYZ9	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
A68UMG	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	-
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	-	-	-	-	
A97X24	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
AAD9LL	PowerPlex® Fusion					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
ABM4K7	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

ACNH34	GlobalFiler™ Express					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
ADHDGZ	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
AJLDYG	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
AKEK8F	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
AQ4N9C	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
AQGTF4	Investigator® 24plex					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	No Results				
AWUWYW	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	NR	NR	NR		

TABLE 2

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

Item 2 - STR Results

AXTVEP	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
AZ7GB7	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
AZPH2E	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	-			-	
B2D6E3	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
B4QUM7	Investigator® 24plex QS (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
B92PLN	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
B93493	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

B9XCUL	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
BB26LY	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
BCB7FK	PowerPlex® Fusion 5C, GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
BDUANP	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
BDV3KC	PowerPlex® Fusion 6C (STRMix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
BJD9NR	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
BJGLHF	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	-			-	

TABLE 2

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

Item 2 - STR Results

BKZEQ6	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
BL9CR7	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
BMDE84	Identifiler® Plus, MiniFiler					
		22,25		18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X	8,11
	19,23				8,9.3	11
	17,18					
BMUN6B	PowerPlex® Fusion					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18	INC				
BN7DHV	PowerPlex® Fusion					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
BQYLZJ	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
BRXWTZ	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

BYBBDC	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
C2EJ3M	PowerPlex® F6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
C4FEY4	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
C4GDTC	Identifiler® Plus, GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
C68LQU	PowerPlex® 16, ESX 17					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
C6FYT4	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
C84RVT	Investigator® 24plex					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 2 - STR Results

C9DZMZ	PowerPlex® Fusion 5C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
CA8N4B	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
CAA9YQ	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	--			--	
CBMTUL	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
CCJMQC	PowerPlex® F6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
CDHV7Z	GlobalFiler™ Express					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
CFBUFT	GlobalFiler™, Investigator® 24plex					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

CFFVZ	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
CG7A4B	Investigator® 24plex					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
CHPGQY	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
CJDEXY	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
CJGHNA	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
CMTXPF	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	NR	NR	NR		
CN8FTL	PowerPlex® ESI-17 FAST, ESX-17 Fast					
	16,16	22,25	10,11	18,18		
2		14,15	13,14	17,20		10,13
	14,17	14,15.2	28,31.2	14,18	XX	
	19,23			27.2,28.2	8,9.3	
	17,18					

TABLE 2

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

Item 2 - STR Results

CNNKGC	Investigator® 24plex					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
CNW3UN	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	Not Tested
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	Not Tested	Not Tested	27.2,28.2	8,9.3	11,11
	17,18	NR	Not Tested	Not Tested	NR	
CQ7ZBF	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
CR9XDE	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
CTHLDY	PowerPlex® F6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
CWDD8P	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
CZF6P3	Identifiler® Plus					
		22,25		18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X	8,11
	19,23				8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

D3KBLM	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
D4Y23P	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
D6E7VW	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
D6WCXT	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	NR	NR	NR		
D7HNEE	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	N/T
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	N/T	N/T	27.2,28.2	8,9.3	11,11
	17,18	N/R	N/T	N/T	N/R	
D7KCUX	PowerPlex® F6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
DB2UXZ	Investigator® 24plex					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR				

TABLE 2

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

Item 2 - STR Results

DBLYM7	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
DEL67J	PowerPlex® Fusion 6C Direct					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
DFBCL9	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	not tested
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	no result	no result	no result	not tested	
DHWTC3	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
DKL73L	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
DKQEHZ	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
DLEUR9	Investigator® 24plex (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 2 - STR Results

DN8DLY	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
DNMAYE	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
DTGVZP	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
DWR9F3	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
E2HZ3P	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
E2JTUH	PowerPlex® Fusion 6C, ESI 17 FAST, 21, NGM SElect, NGM DEtect					
	16,16	22,25	10,11	18,18	12,13	12,12
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
E7EBEP	GlobalFiler™, Investigator® 24plex					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

EEDFJX	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
EETEHV	GlobalFiler™ Express					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
EFNWND	PowerPlex® Fusion 5C, GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
EHWHLW	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
EHZ6Y4	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
EK6RC9	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
EKNE96	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

ELXJNE	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
EMME8V	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
EMP4CT	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
EN6YW7	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	NR	NR	NR		
ERYX6A	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
EYUMAL	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	-	-	-		
F27R49	Investigator® 24plex QS					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	-				

TABLE 2

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

Item 2 - STR Results

F3ZMKP	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
F6ZJMK	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
FAD9D9	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
FBBGLR	Investigator® 24plex (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
FCNCN6	PowerPlex® F6C (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	NR	NR	NR		
FDUR7P	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
FDYFTG	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

FF2XRQ	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
FGNHKN	GlobalFiler™					
	16	22,25	10,11	18	12,13	-
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	-	-	27.2,28.2	8,9.3	11
	17,18	NR	-	-	NR	
FJFHTK	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
FMEUJQ	PowerPlex® Fusion					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18	NR				
FNTDJF	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
FQ7VQR	GlobalFiler™ Express					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
FQ9VZL	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 2 - STR Results

FU6HTA	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	-
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	-	-	-	-	
FYZVET	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
G2AVBH	Identifiler® Plus					
		22,25		18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X	8,11
	19,23				8,9.3	11
	17,18					
G2M9WF	PowerPlex® Fusion 6C Direct					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
G3AFUD	PowerPlex® Fusion					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18	INC				
G3V4ZE	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
G4Q4DX	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 2 - STR Results

G7H3RW	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
GABW3X	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	no results			no results	
GBQH47	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
GDUXDC	GlobalFiler™ (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	-			-	
GFFVEM						
	16,16	22,25	10,11	18,18	12,13	12,12
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
GL8TBQ	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
GMMFDK	PowerPlex® 21					
	16,16	22,25		18,18	12,13	12,12
2	9,10	14,15		17,20	12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					

TABLE 2

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

Item 2 - STR Results

GPKMYB	Identifiler® Direct					
		22,25		18,18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					
GPZ3BQ	PowerPlex® Fusion					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
GUJWEJ	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
GVCY8D	Identifiler® Plus					
		22,25		18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X	8,11
	19,23				8,9.3	11
	17,18					
GVT6GC	PowerPlex® Fusion					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18	INC				
GW7AXR	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
GWTEWU	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

GYAKTP	PowerPlex® F6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
H6R2Z6	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
H77LMN	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
H8FTPG	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
HBBGCP	Identifiler® Plus					
		22,25		18,18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					
HEZV7J	GlobalFiler™ GlobalFiler Express					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
HGCX83	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 2 - STR Results

HMG7JK	GlobalFiler™ Express					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
HNTCA9	Identifiler® Plus					
		22,25		18,18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					
HPWZ2D	PowerPlex® Fusion (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
HTPZNU	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
HUY8P3	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	NA
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	NA	NA	NA	NA	
HV4A8L	GlobalFiler™, Investigator® 24plex					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
HW3F2M	Investigator® 24plex					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 2 - STR Results

HYPY3K	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
HYGXGG	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
HYYBZM	Identifiler® Plus, MiniFiler					
		22,25		18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X	8,11
	19,23				8,9.3	11
	17,18					
J2U7K3	Investigator® 24plex (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
J4P6DE	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
J7KFRF	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
J8YKQE	Identifiler® Plus					
		22,25		18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X	8,11
	19,23				8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

J94FQH	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
JBUHQ	Investigator® 24plex					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
JDNL4Q	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
JH3ZEX	Investigator® 24plex QS					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
JJUGMQ	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
JKBGX9	PowerPlex® 21					
	16,16	22,25		18,18	12,13	12,12
2	9,10	14,15		17,20	12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
JMGUQ3	PowerPlex® F6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 2 - STR Results

JQKM3E	Identifiler® Plus					
		22,25		18,18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					
JR3TJH	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
JV23FD	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
JV3Q4J	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	--			--	
JVGE6A	PowerPlex® Fusion					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18	INC				
JVQJG	PowerPlex® 21					
	16,16	22,25		18,18	12,13	12,12
2	9,10	14,15		17,20	12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
JX4VG4	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 2 - STR Results

JZJ29Z	Investigator® 24plex (STRMix)						
		16	22,25	10,11	18	12,13	
	2	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18						
JZJK92	PowerPlex® Fusion 6C (STRmix)						
		16	22,25	10,11	18	12,13	
	2	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	NR	NR	NR			
K2MBNA	PowerPlex® Fusion						
		16,16	22,25	10,11	18,18	12,13	
	2	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	XX	8,11
		19,23	11,14	12,15		8,9.3	11,11
	17,18						
K6NQER	GlobalFiler™						
		16	22,25	10,11	18	12,13	
	2	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18						
K7CWB3	PowerPlex® Fusion 5C						
		16	22,25	10,11	18	12,13	NA
	2	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23	11,14	12,15	NA	8,9.3	11
	17,18	NR/NE	NA	NA	NA		
K7EH7J	GlobalFiler™						
		16,16	22,25	10,11	18,18	12,13	
	2	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	XX	8,11
		19,23			27.2,28.2	8,9.3	11,11
	17,18	--			--		
K7NJG7	Identifiler® Plus						
			22,25		18,18	12,13	
	2	9,10	14,15			12,13	10,13
		14,17	14,15.2	28,31.2		XX	8,11
		19,23				8,9.3	11,11
	17,18						

TABLE 2

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

Item 2 - STR Results

K8A84K	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
K8V4ZY	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
K8VPEL	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
K996XE	PowerPlex® 6C, Investigator® 24plex QS					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
KCNAGM	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
KCUEZ7	Identifiler® Plus (STRmix)					
		22,25		18,18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23				8,9.3	11,11
	17,18					
KEWYPK	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	-				-

TABLE 2

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

Item 2 - STR Results

KFJPLH	Identifiler® Direct					
	-	22,25	-	18	12,13	-
2	9,10	14,15	-	-	12,13	10,13
	14,17	14,15.2	28,31.2	-	X,X	8,11
	19,23	-	-	-	8,9.3	11
	17,18	-	-	-	-	-
KG3JDK	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	-			-	
KGKTJL	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
KHQUDL	PowerPlex® Fusion 5C, GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
KHTJK4	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	NA
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	NA	8,9.3	11
	17,18	NE/NR	NA	NA	NA	
KJNRRT	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
KKJAVF	PowerPlex® Fusion 5C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18	NR				

TABLE 2

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

Item 2 - STR Results

KMMH6E	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
KRDUM4	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	-			-	
KRZB6K	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
KWVDGD	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
KY7BVU	GlobalFiler™ Express					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
L2WJ7A	Identifiler® DIRECT					
		22,25		18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23				8,9.3	11
	17,18					
L2YKXM	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 2 - STR Results

L4RRFJ	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
L84ABZ	PowerPlex® Fusion					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
L8HL3D	GlobalFiler™ (GeneMapper ID-X 1.5)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
L8QKHA	Identifiler® Plus					
		22,25		18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X	8,11
	19,23				8,9.3	11
	17,18					
LBAEJG	GlobalFiler™ Express					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
LBUUNQ	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
LGG4Y4	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

LHKY8K	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
LJYLJ8	Identifiler® Direct					
	-	22,25	-	18	12,13	-
2	9,10	14,15	-	-	12,13	10,13
	14,17	14,15.2	28,31.2	-	XX	8,11
	19,23	-	-	-	8,9.3	11
	17,18	-	-	-	-	
LKT6TL	Identifiler® Plus					
		22,25		18,18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23				8,9.3	11,11
	17,18					
LLXP8V	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
LN BAGJ	GlobalFiler™, Investigator® 24plex					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
LNWMGG	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
LPW7H4	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

LRAN7T	Identifiler® Plus					
		22,25		18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X	8,11
	19,23				8,9.3	11
	17,18					
LRE4C8	GlobalFiler™ (STRmix™)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	-			-	
LRWLL	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
LRYBQH	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
LUJV82	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	NA
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	NA	8,9.3	11
	17,18	NR/NE	NA	NA	NA	
LULF4G	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	--			--	
LVDCQP	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

LVKKEK	Identifiler® Plus					
		22,25		18,18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					
LYEFHC	Investigator® 24plex					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
LZ43JE	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	Not Tested
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	Not Tested	Not Tested	27.2,28.2	8,9.3	11,11
	17,18	No Results	Not Tested	Not Tested	No Results	
M3QQZY	Investigator® 24plex					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
M4ZRUK	Identifiler® Plus					
		22,25		18,18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					
M6E4Q4	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
M77BNL	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 2 - STR Results

M7LHXA	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
M9GNJZ	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
M9JGFM	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
M9L7L7	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
MABC3W	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
MDW2KN	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
MF3ECM	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 2 - STR Results

MGVFAY	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	N/A
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	N/A	N/A	N/A	N/A	
MLR24M	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
MLTU2U	GlobalFiler™ (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
MMKVY6	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
MN6G38	Identifiler® Direct					
		22,25		18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23				8,9.3	11
	17,18					
MRJ6BT	GlobalFiler™ Express					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
MT6KAL	GlobalFiler™ Express					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 2 - STR Results

MUXGG3	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	NR	NR	NR		
MWMDA9	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
MWNZVT	GlobalFiler™ Express					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
MYNZC7	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
N47AMG	Investigator® 24plex					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
N699K3	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
N8J9MP	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	no results			no results	

TABLE 2

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

Item 2 - STR Results

N8PRWR	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
NB6GWW	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	-
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	-	-	-	-	
NCFLTM	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
ND73Q2	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
NE688V	Investigator® 24plex (STRMix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
NFV9AD	Identifiler®, GlobalFiler™ Express					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
NG4FKT	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

NGJTX4	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
NGLH22	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	No result			No result	
NJULXX	PowerPlex® Fusion 5C, MiniFiler					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18	No Results				
NJVK6D	Identifiler®, GlobalFiler™ Express					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
NN2ABY	Identifiler® Plus, GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
NNYJ6G	PowerPlex® 5C, 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
NP6KKP	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

NPMMDJ	Investigator® 24plex (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
NRRBWF	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
NVW7RW	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
NW6JD6	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
NXXC73	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
NY8GJQ	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
NYB7JH	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	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 2 - STR Results

P36FCV	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
P4JR8E	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
P7T7TM	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	No Results			No Results	
P9FBF6	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
P9RTUP	PowerPlex® F6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
PEXGXQ	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
PG64LA	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 2 - STR Results

PGJZM3	PowerPlex® Fusion, GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
PJ8JVJF	PowerPlex® F6C (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
PJDEFJR	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
PPW8AX	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
PR3JA9	GlobalFiler™ (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
PV8PT7	PowerPlex® Fusion 6C Direct					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
PWREJQ	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18	NR				

TABLE 2

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

Item 2 - STR Results

PXL3Z2	PowerPlex® 16, Fusion 6C, GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
PYM3Q8	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
PYMRLB	GlobalFiler™ Express					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
PYNGZG	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
Q2R6W3	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
Q3XYQW	PowerPlex® Fusion					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
Q4MLRY	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	

TABLE 2

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

Item 2 - STR Results

Q4TL6L	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
Q76TQ8	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
Q97DKE	GlobalFiler™ (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	-			-	
QBELRD	Investigator® 24plex					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
QCRHD3	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
QE8NH7	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	NA
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	NA	8,9.3	11
	17,18	NR/NE	NA	NA	NA	
QFMZ6H	PowerPlex® Fusion					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

QGTP2Y	PowerPlex® Fusion					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
QHV42E	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
QKQ4J6	PowerPlex® Fusion Direct					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
QPUV8M	PowerPlex® F6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
QTVBY6	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
QTYEEW	Investigator® 24plex					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
QU7QXJ	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	--			--	

TABLE 2

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

Item 2 - STR Results

QU8HZ8	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
QUNMH7	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
QV62A	PowerPlex® 16 HS					
				18,18	12,13	
2	9,10	14,15			12,13	10,13
	14,17		28,31.2		X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
QXGP9Y	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	-
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	-	-	27.2,28.2	8,9.3	11,11
	17,18	-	-	-	-	-
QZCEJ8	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
QZVAEF	Investigator® 24plex					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
R3RBMN	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 2 - STR Results

R3ZYE4	Identifiler® Plus					
		22,25		18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X	8,11
	19,23				8,9.3	11
	17,18					
R4BN9K	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
R678C8	PowerPlex® Fusion 5C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18	NR				
R8PRXW	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
R8X2F3	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
RBCXL6	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
RFFEL8	PowerPlex® Fusion 5C, MiniFiler					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18	No Results				

TABLE 2

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

Item 2 - STR Results

RGK3UR	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
RHAW93	PowerPlex® Fusion					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18	-				
RHKUAD	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
RHTAY7	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
RK2DY9	PowerPlex® 21					
	16,16	22,25		18,18	12,13	12,12
2	9,10	14,15		17,20	12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
RP69X4	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	NA
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	NA	8,9.3	11
	17,18	NR/NE	NA	NA	NA	
RPRYHV	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

RQGVH4	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
RVK9R	Investigator® 24plex (STRMix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
RZ22KA	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	-	-	-		
RZ4WZY	PowerPlex® Fusion 5C, GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
T22UCK	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
T4KJ9C	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
T6DC4V	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 2 - STR Results

T6VJ7R	PowerPlex® Fusion					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18	INC				
T7MBAX	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
T886CL	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
T9GWHG	PowerPlex® Fusion 6C (ArmedXpert)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
TA6QLB	PowerPlex® Fusion 5C, Investigator® 24plex					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
TAPEXD	PowerPlex® Fusion					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18	NR				
TBGE7B	Identifiler® Direct					
	-	22,25	-	18	12,13	-
2	9,10	14,15	-	-	12,13	10,13
	14,17	14,15.2	28,31.2	-	XX	8,11
	19,23	-	-	-	8,9.3	11
	17,18	-	-	-	-	

TABLE 2

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

Item 2 - STR Results

TH3A8E	Identifiler® Plus					
		22,25		18,18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					
TJ4E9N	Investigator® 24plex GO					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
TKVDPD	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
TPH7VL	PowerPlex® F6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
TRD3PT	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
TTLNC3	PowerPlex® Fusion (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18	INC				
TUHQ6H	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 2 - STR Results

TVAQ3T	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
TW2FZA	Identifiler® Direct					
	-	22,25	-	18	12,13	-
2	9,10	14,15	-	-	12,13	10,13
	14,17	14,15.2	28,31.2	-	XX	8,11
	19,23	-	-	-	8,9.3	11
	17,18	-	-	-	-	
TW7GFH	Investigator® 24plex (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
TW9DL8	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
TXGDVU	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
TY7ZWW	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
U7CEQJ	GlobalFiler™ (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

U7EWWV	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
U7GG4W	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
UFFNYU	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
UGG9A3	Identifiler® Plus					
		22,25		18,18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23				8,9.3	11,11
	17,18					
UHBWTX	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
UHF3KU	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
UK96GA	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

UNRK42	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
UPFKY7	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
URRMAP	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	NR	NR	NR		
V2W2PW	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
V7JKDR	Investigator® 24plex					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
V83UJR	PowerPlex® F6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
VBTYLP	PowerPlex® Fusion 5C, MiniFiler					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18	NR				

TABLE 2

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

Item 2 - STR Results

VCYCZT	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
VDPMT7	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
VFXPNH	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
VG68KT	Investigator® 24plex QS					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
VJVDZJ	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
VKHH9B	Identifiler® Plus					
		22,25		18,18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					
VMX8ZA	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 2 - STR Results

VN2DC4	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
VP937Y	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
VPNDJK	GlobalFiler™ Express					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
VRNN78	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
VWHGMG	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
YNYMN4	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
VZ48UD	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

W3G2QJ	Investigator® 24plex QS					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
W6MHUG	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	No Results			No Results	
WA66X8	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
WAJGR7	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
WAMFWU	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
WBBZDY	PowerPlex® Fusion (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18	INC				
WBT8HG	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

WCZME2	Identifiler® + Plus					
		22,25		18,18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					
WEAGPT	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	-			-	
WHDNAB	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18	NR				
WKC3B	Identifiler® Plus					
		22,25		18,18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					
WKJ6PU	Identifiler® Plus					
		22,25		18,18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					
WLP838	PowerPlex® 5C, Investigator® 24plex					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
WN2T7F	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

WPK686	PowerPlex® Fusion 6C, GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	NOT TESTED
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18	NR	NR	NR	NR	
WQRZG6	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
WVXKEA	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
WWEBKD	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
WYCEZ9	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
WYE47Q	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
WYGP37	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	-			-	

TABLE 2

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

Item 2 - STR Results

WZCK9F	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
X3B7R7	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	--			--	
X3G4D3	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
X3YTEF	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	-
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	-	-	27.2,28.2	8,9.3	11,11
	17,18	NR	-	-	NR	
X44YMN	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
X7J844	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
X94767	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

XAV9TG	Identifiler® Plus					
		22,25		18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X	8,11
	19,23				8,9.3	11
	17,18					
XBMCCF	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
XE4MJR	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	-			-	
XETLUD	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	No Results			No Results	
XMMYMK	Identifiler® Plus					
		22,25		18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X	8,11
	19,23				8,9.3	11
	17,18					
XMPYJH	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
XNPVXM	Investigator® 24plex					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 2 - STR Results

XPW3WG	GlobalFiler™ Express					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
XQGMDZ	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
XQZTDQ	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	-			-	
XRUFRE	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	no result			no result	
XTTDTV	GlobalFiler™ (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	-			-	
XUN7BZ	Investigator® 24plex QS					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
XUZQ2W	Identifiler® Direct					
		22,25		18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23				8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

XWCMK9	Investigator® 24plex (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
XZFRJT	PowerPlex® 21					
	16,16	22,25		18,18	12,13	12,12
2	9,10	14,15		17,20	12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
XZUKGC	GlobalFiler™ Express					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
Y2WX43	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	---			---	
Y4LWFL	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
Y4NJ27	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
Y7DQJG	GlobalFiler™ Express					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	

TABLE 2

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

Item 2 - STR Results

YAPDMF	Identifiler® Plus, MiniFiler					
		22,25		18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X	8,11
	19,23				8,9.3	11
	17,18					
YDBMZR	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
YDHNAY	GlobalFiler™, Investigator® 24plex					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
YFHGPK	Investigator® 24plex (strmix)					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
YHXYM3	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	NA
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	NA	NA	27.2,28.2	8,9.3	11,11
	17,18	NR	NA	NA	NR	
YJZN68	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
YLZNDQ	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

YQEN8W	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	NA
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	NA	8,9.3	11
	17,18	NR/NE	NA	NA	NA	
YRDTGH	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
YUACN4	GlobalFiler™, Investigator® 24plex					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
YXT8RW	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
Z26LN2	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	NT
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	NT	NT	27.2,28.2	8,9.3	11,11
	17,18	NR	NT	NT	NR	
Z3FH2T	PowerPlex® 21					
	16,16	22,25		18,18	12,13	12,12
2	9,10	14,15		17,20	12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
Z69DV7	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 2 - STR Results

ZA878V	PowerPlex® Fusion 6C Direct					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
ZAM8JQ	Identifiler® Direct					
		22,25		18,18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23				8,9.3	11,11
	17,18					
ZAW6P3	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
ZCJNLU	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
ZD8Y4U	Identifiler® Plus					
		22,25		18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X	8,11
	19,23				8,9.3	11
	17,18					
ZFWQBB	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
ZG3LNG	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18	NR				

TABLE 2

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

Item 2 - STR Results

ZGN4Z4	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
ZHF97V	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	-			-	
ZHKLXY	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
ZLMYYB	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
ZMT3A8	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
ZQR9Z8	Identifiler® Plus					
		22,25		18,18	12,13	
2	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23				8,9.3	11,11
	17,18					
ZT298Y	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 2 - STR Results

ZTJBMM	PowerPlex® 6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
ZTJDLR	GlobalFiler™					
	16	22,25	10,11	18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
ZTWVFW	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
ZVY7NR	PowerPlex® PP21					
	16,16	22,25		18,18	12,13	12,12
2	9,10	14,15		17,20	12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
ZY9YA6	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
2	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

22DA8Y	PowerPlex® 21 (STRmix)					
	16,16	22,25		18,18	12,13	12,12
3	9,10	14,15		17,20	12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
24U6D7	GlobalFiler™, Investigator® 24plex					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
24WJN	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
26D7FZ	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
26V2W2	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
2A2Q4N	PowerPlex® Fusion					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
2AEG9L	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

2D7P6M	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
2D7RR7	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
2EXBCE	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
2FCRV8	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
2G8VH8	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
2KQH69	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
2LJXAV	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

2MDXEF	Investigator® 24plex QS (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
2N6MQ2	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
2N96QL	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
2U6C6F	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
2V6NRB	PowerPlex® F6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
2V7BCU	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
2WQ9J8	Investigator® 24plex IDplex Go!					
		22,25		18,18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

2XBUJ4	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
2Y4DBA	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
2Y73HR	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
2YPUM6	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
2YXQH4	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
2ZUZQD	PowerPlex® Fusion6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
39FMXU	Identifiler® Plus					
		22,25		18,18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23				8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

3AABGQ	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	N/A
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	N/A	N/A	27.2,28.2	8,9.3	11,11
	17,18	NR	N/A	N/A	NR	
3ACZLM	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
3AK2N3	GlobalFiler™ (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	-			-	
3BB86T	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
3BCKMZ	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
3BZLUC	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	No Results			No Results	
3CMX2P	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18	NR				

TABLE 2

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

Item 3 - STR Results

3D8WQF	PowerPlex® Fusion 6C (STRMix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
3DK3YX	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
3FQNMX	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
3J49EQ	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
3M4HKL	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
3N2W7J	Investigator® 24plex (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
3R26BU	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

3VFNBX	PowerPlex® Fusion 5C					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
3WC6GT	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
3WDET6	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
3XTT6K	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
3YH4XY	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
44K78L	PowerPlex® Fusion 6C, PP16					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	NR	NR	NR		
492NBP	PowerPlex® Fusion (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

494K9K	Investigator® 24plex QS					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
49NMX4	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
4BVL6V	PowerPlex® Fusion 5C (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18	NR				
4C6CYR	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
4F82QZ	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
4FMQ6R	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
4J8AUB	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

4JYE9P	Identifiler® Plus					
		22,25		18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11
	17,18					
4L44BY	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
4LNV8Q	PowerPlex® Fusion					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18	INC				
4NBCJJ	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
4NKG3	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	NR	NR	NR		
4Q46UU	Investigator® 24plex QS (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
4QHNBT	Identifiler® Plus, NGMSE (RMP, Inhouse software NDB, use the population that best matches the ancestry of item 2.)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

4RU8MB	PowerPlex® ES17 PRO & ESX17					
	16	22,25	10,11	18		
3		14,15	13,14	17,20		10,13
	14,17	14,15.2	28,31.2	14,18	XX	
	19,23			27.2,28.2	8,9.3	
	17,18					
4TBCDM	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
4Z7L8R	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
4ZCGAD	Investigator® 24plex					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
68PHW7	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
69K2WL	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
6B2WFY	Identifiler® Plus					
	-	22,25	-	18	12,13	-
3	9,10	14,15	-	-	12,13	10,13
	14,17	14,15.2	28,31.2	-	XX	8,11
	19,23	-	-	-	8,9.3	11
	17,18	-	-	-	-	

TABLE 2

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

Item 3 - STR Results

6BQGC6	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
6DB3QT	Investigator® 24plex QS (Strmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
6DDPFT	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
6EMA4E	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
6ER7GD	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
6EV4CN	PowerPlex® 21					
	16,16	22,25		18,18	12,13	12,12
3	9,10	14,15		17,20	12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
6FYJZJ	Investigator® 24plex QS (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

6H9YL7	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
6JHKZT	GlobalFiler™ (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
6KEDBK	PowerPlex® ESX 16 Fast					
	16,16	22,25	10,11	18,18		
3		14,15	13,14	17,20		10,13
	14,17	14,15.2	28,31.2	14,18	X	
	19,23				8,9.3	
	17,18					
6KEJ97	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
6KHE7E	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
6MK3AM	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
6QC MAR	PowerPlex® Fusion 5C, MiniFiler					
	16	22,25	10,11	18	12,13	NA
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	NA	8,9.3	11
	17,18	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 3 - STR Results

6QYH2Z	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
6RKZDL	PowerPlex® PP21					
	16,16	22,25		18,18	12,13	12,12
3	9,10	14,15		17,20	12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
6VB3VL	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
6WA8CF	Investigator® 24plex (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
6XTBRZ	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
6Z8NK4	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
77KXEP	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

788RNL	Identifiler® Plus (STRmix)					
		22,25		18,18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					
79AH7F	PowerPlex® Fusion (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
79E7UR	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
7AQEU9	GlobalFiler™ (STRmix 2.4)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	no results			no results	
7CWZHY	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
7E8BLB	Investigator® 24plex QS					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
7EWAD9	PowerPlex® Fusion					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

7GB2RP	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
7MFCVW	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
7QCZEY	PowerPlex® 21					
	16	22,25		18	12,13	12
3	9,10	14,15		17,20	12,13	10,13
	14,17	14,15.2	28,31.2		X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
7QQLF	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
7R6TAH	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
7TP2KD	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
7UAFN9	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NO RESULTS			NO RESULTS	

TABLE 2

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

Item 3 - STR Results

7VR2G4	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
7WKCGR	GlobalFiler™ (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
7WQ6EK	Identifiler® Plus					
		22,25		18,18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23				8,9.3	11,11
	17,18					
876LFQ	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
87LBAP	GlobalFiler™ (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
8ET3LZ	PowerPlex® Fusion					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
8F29VV	PowerPlex® Fusion 24					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

8FA246	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
8FXPRZ	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	NR	NR	NR		
8GQKE9	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
8K9EXA	GlobalFiler™ (STRmix (for LR only))					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
8QUX9G	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
8RHV4V	GlobalFiler™					
	16	22,25	10,11	18	12,13	-
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	-	-	27.2,28.2	8,9.3	11
	17,18	NR	-	-	NR	
8TX2U8	GlobalFiler™ (STRmix 2.4)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	no results			no results	

TABLE 2

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

Item 3 - STR Results

8VMDNB	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
8W996J	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
8WEN7Q	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
8ZGBD3	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
924AQY	PowerPlex® Fusion 5C and 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
92KJQQ	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
92M6L8	PowerPlex® F6C (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

9397RT	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
93P9E3	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
94C6K9	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
9AL8M4	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
9BFV7Y	PowerPlex® 5C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18	NR				
9F2L2N	PowerPlex® Fusion 5C, MiniFiler					
	16	22,25	10,11	18	12,13	NA
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	NA	8,9.3	11
	17,18	NR/NE	NA	NA	NA	
9FQJTW	Investigator® 24plex (STRmix V2.4.06)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

9GH3MM	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
9GZTGM	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
9KJ7EA	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
9KX8TQ	PowerPlex® Fusion 5C					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18	NR				
9MUH9R	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
9NHYZ	Investigator® 24plex (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR				
9PUQC3	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	No Results			No Results	

TABLE 2

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

Item 3 - STR Results

9Q6PCD	PowerPlex® Fusion (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18	INC				
9QAHEC	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
9R3E2L	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
9RER64	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
9T7XE3	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
9U9RNE	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	[8],[9.3]	11
	17,18					
9WPPQ6	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	No Results			No Results	

TABLE 2

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

Item 3 - STR Results

9WTF7	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
9ZYNCY	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
A2J7F4	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	no results			no results	
A2KWVY	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
A4EYZ9	PowerPlex® Fusion 6C (Lab Retriever)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
A68UMG	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	-
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	-	-	-	-	
A97X24	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

AAD9LL	PowerPlex® Fusion					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
ABM4K7	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
ACNH34	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
ADHDGZ	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
AJLDYG	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
AKEK8F	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
AQ4N9C	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

AQGTF4	Investigator® 24plex					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	No Results				
AWUWYW	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	NR	NR	NR		
AXTVEP	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
AZ7GB7	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
AZPH2E	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	-			-	
B2D6E3	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
B4QUM7	Investigator® 24plex QS (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

B92PLN	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
B93493	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
B9XCUL	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
BB26LY	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
BCB7FK	PowerPlex® Fusion 5C, GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
BDUANP	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
BDV3KC	PowerPlex® Fusion 6C (STRMix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

BJD9NR	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
BJGLHF	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	-			-	
BKZEQ6	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
BL9CR7	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
BMUN6B	PowerPlex® Fusion (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18	INC				
BN7DHV	Identifiler® Plus					
		22,25		18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X	8,11
	19,23				8,9.3	11
	17,18					
BQYLZJ	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

BRXWTZ	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
BYBBDC	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
C2EJ3M	PowerPlex® F6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
C4FEY4	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
C4GDTC	Identifiler® Plus, GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
C68LQU	PowerPlex® 16, ESX 17					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
C6FYT4	GlobalFiler™ (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

C84RVT	Investigator® 24plex (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
C9DZMZ	PowerPlex® Fusion 5C					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
CA8N4B	Identifiler® Plus, GlobalFiler™, MiniFiler					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
CAA9YQ	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	--			--	
CBMTUL	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
CCJMQC	PowerPlex® F6C					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
CDHV7Z	GlobalFiler™					
	16,16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

CFBUFT	GlobalFiler™, Investigator® 24plex					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
CFFVZ	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
CG7A4B	Investigator® 24plex (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
CHPGQY	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
CJDEXY	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
CJGHNA	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
CMTXPF	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	

TABLE 2

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

Item 3 - STR Results

CN8FTL	PowerPlex® ESI-17 FAST, ESX-17 Fast					
	16,16	22,25	10,11	18,18		
3		14,15	13,14	17,20		10,13
	14,17	14,15.2	28,31.2	14,18	X,X	
	19,23			27.2,28.2	8,9.3	
	17,18					
CNNKGC	Investigator® 24plex (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
CNW3UN	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	Not Tested
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	Not Tested	Not Tested	27.2,28.2	8,9.3	11,11
	17,18	NR	Not Tested	Not Tested	NR	
CQ7ZBF	PowerPlex® Fusion 5C					
	16	[22],[25]	10,11	18	12,13	
3	9,10	14,15	13,14	[17],[20]	12,13	[10],[13]
	14,17	[14],[15.2]	28,[31.2]	14,[18]	X	8,11
	19,23	11,14	12,15		[8],9.3	11
	17,18					
CR9XDE	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
CTHLDY	PowerPlex® F6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
CWDD8P	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	

TABLE 2

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

Item 3 - STR Results

D3KBLM	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
D4Y23P	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
D6E7VW	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
D6WCXT	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	NR	NR	NR		
D7HNEE	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	N/T
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	N/T	N/T	27.2,28.2	8,9.3	11,11
	17,18	N/R	N/T	N/T	N/R	
D7KCUX	PowerPlex® F6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
DB2UXZ	Investigator® 24plex (STRMIX)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

DEL67J	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
DHWTC3	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
DKL73L	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
DKQEHZ	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
DLEUR9	Investigator® 24plex (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
DN8DLY	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
DNMAYE	GlobalFiler™					
	16	22,25	10,11	18	12,13	NR
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	NR	NR	27.2,28.2	8,9.3	11
	17,18	NR	NR	NR	NR	

TABLE 2

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

Item 3 - STR Results

DTGVZP	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
DWR9F3	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
E2HZ3P	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
E2JTUH	PowerPlex® Fusion 6C, ESI 17 FAST, 21, NGM SElect, NGM DEtect					
	16,16	22,25	10,11	18,18	12,13	12,12
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
E7EBEP	GlobalFiler™, Investigator® 24plex					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
EEDFJX	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
EETEHV	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

EFNWND	PowerPlex® Fusion 5C, GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
EHWHLW	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
EHZ6Y4	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
EK6RC9	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
EKNE96	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
ELXJNE	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
EMME8V	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

EMP4CT	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
EN6YW7	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	NR	NR	NR		
ERYX6A	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
EYUMAL	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	-	-	-		
F27R49	Investigator® 24plex QS					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	-				
F3ZMKP	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
F6ZJMK	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

FAD9D9	GlobalFiler™					
	16	25,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
FBBGLR	Investigator® 24plex (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
FCNCN6	PowerPlex® F6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	NR	NR	NR		
FDUR7P	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
FDYFTG	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
FF2XRQ	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
FGNHKN	GlobalFiler™					
	16	22,25	10,11	18	12,13	-
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	-	-	27.2,28.2	8,9.3	11
	17,18	NR	-	-	NR	

TABLE 2

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

Item 3 - STR Results

FJFHTK	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
FMEUJQ	PowerPlex® Fusion					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18	NR				
FNTDJF	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
FQ7VQR	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
FQ9VZL	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
FU6HTA	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	-
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	-	-	-	-	
FYZVET	PowerPlex® Fusion 6C (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

G2AVBH	Identifiler® Plus					
		22,25		18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X	8,11
	19,23				8,9.3	11
	17,18					
G2M9WF	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
G3AFUD	PowerPlex® Fusion (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18	INC				
G3V4ZE	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
G4Q4DX	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
G7H3RW	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
GABW3X	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	no results			no results	

TABLE 2

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

Item 3 - STR Results

GBQH47	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
GDUXDC	GlobalFiler™ (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	-			-	
GFFVEM						
	16,16	22,25	10,11	18,18	12,13	12,12
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
GL8TBQ	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
GMMFDK	PowerPlex® 21					
	16,16	22,25		18,18	12,13	12,12
3	9,10	14,15		17,20	12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
GPKMYB	Identifiler® Plus					
		22,25		18,18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					
GPZ3BQ	PowerPlex® Fusion					
	16	22,25	10,[11]	18	12,13	
3	9,10	14,[15]	13,14	17,[20]	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

GUJWEJ	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
GVCY8D	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
GVT6GC	PowerPlex® Fusion					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18	INC				
GW7AXR	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
GWTEWU	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
GYAKTP	PowerPlex® F6C					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
H6R2Z6	GlobalFiler™ (STR mix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

H77LMN	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
H8FTPG	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
HBBGCP	Identifiler® Plus					
		22,25		18,18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					
HEZV7J	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
HGCX83	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
HMG7JK	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
HNTCA9	Identifiler® Plus					
		22,25		18,18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

HPWZ2D	PowerPlex® Fusion (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
HTPZNU	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
HUY8P3	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	NA
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	NA	NA	NA	NA	
HV4A8L	GlobalFiler™, Investigator® 24plex					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
HW3F2M	Investigator® 24plex (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
HYPY3K	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
HXXGGG	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

HYYBZM	Identifiler® Plus, MiniFiler					
		22,25		18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X	8,11
	19,23				8,9.3	11
	17,18					
J2U7K3	Investigator® 24plex (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
J4P6DE	GlobalFiler™ (STRMix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
J7KFRF	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
J8YKQE	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
J94FQH	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
JBjuHQ	Investigator® 24plex (STRMix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

JDNL4Q	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
JH3ZEX	Investigator® 24plex QS (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
JJUGMQ	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
JKBGX9	PowerPlex® 21					
	16,16	22,25		18,18	12,13	12,12
3	9,10	14,15		17,20	12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
JMGUQ3	PowerPlex® F6C					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
JQKM3E	Identifiler® Plus					
		22,25		18,18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23				8,9.3	11,11
	17,18					
JR3TJH	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

JV23FD	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
JV3Q4J	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	--			--	
JVGE6A	PowerPlex® Fusion					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18	INC				
JVQJG	PowerPlex® 21					
	16,16	22,25		18,18	12,13	12,12
3	9,10	14,15		17,20	12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
JX4VG4	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
JZJ29Z	Investigator® 24plex (STRMix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
JZJK92	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	NR	NR	NR		

TABLE 2

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

Item 3 - STR Results

K2MBNA	PowerPlex® Fusion (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
K6NQER	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
K7CWB3	PowerPlex® Fusion 5C, MiniFiler					
	16	22,25	10,11	18	12,13	NA
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	NA	8,9.3	11
	17,18	NR/NE	NA	NA	NA	
K7EH7J	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	--			--	
K7NIG7	Identifiler® Plus					
		22,25		18,18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					
K8A84K	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
K8V4ZY	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

K8VPEL	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
K996XE	Investigator® 24plex QS (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
KCNAGM	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
KCUEZ7	Identifiler® Plus (STRmix)					
		22,25		18,18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					
KEWYPK	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	-			-	
KFJPLH	Identifiler® Plus					
	-	22,25	-	18	12,13	-
3	9,10	14,15	-	-	12,13	10,13
	14,17	14,15.2	28,31.2	-	X,X	8,11
	19,23	-	-	-	8,9.3	11
	17,18	-	-	-	-	
KG3JDK	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	-			-	

TABLE 2

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

Item 3 - STR Results

KGKTJL	GlobalFiler™						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18						
KHQU DL	PowerPlex® Fusion 5C, GlobalFiler™						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18						
KHTJK4	PowerPlex® Fusion 5C, MiniFiler						
		16	22,25	10,11	18	12,13	NA
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23	11,14	12,15	NA	8,9.3	11
	17,18	NE/NR	NA	NA	NA		
KJNRRT	GlobalFiler™ (STRmix)						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18						
KKJAVF	PowerPlex® Fusion 5C (STRmix)						
		16,16	22,25	10,11	18,18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	XX	8,11
		19,23	11,14	12,15		8,9.3	11,11
	17,18	NR					
KMMH6E	PowerPlex® Fusion 6C						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18						
KRDUM4	GlobalFiler™						
		16,16	22,25	10,11	18,18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	XX	8,11
		19,23			27.2,28.2	8,9.3	11,11
	17,18	-					

TABLE 2

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

Item 3 - STR Results

KRZB6K	GlobalFiler™						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18						
KWVDGD	GlobalFiler™						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18						
KY7BVU	GlobalFiler™						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18						
L2WJ7A	Identifiler® Plus						
			22,25		18	12,13	
	3	9,10	14,15			12,13	10,13
		14,17	14,15.2	28,31.2		XX	8,11
		19,23				8,9.3	11
	17,18						
L2YKXM	PowerPlex® Fusion 6C (STRmix)						
		16,16	22,25	10,11	18,18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	XX	8,11
		19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18						
L4RRFJ	GlobalFiler™						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18						
L84ABZ	PowerPlex® Fusion						
		16,16	22,25	10,11	18,18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	XX	8,11
		19,23	11,14	12,15		8,9.3	11,11
	17,18						

TABLE 2

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

Item 3 - STR Results

L8HL3D	GlobalFiler™ (GeneMapper ID-X 1.5)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
L8QKHA	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
LBUUNQ	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
LGG4Y4	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
LHKY8K	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	INC	X	8,11
	19,23	11,14	INC		8,9.3	INC
	17,18					
LJYLJ8	Identifiler® Plus					
	-	22,25	-	18	12,13	-
3	9,10	14,15	-	-	12,13	10,13
	14,17	14,15.2	28,31.2	-	XX	8,11
	19,23	-	-	-	8,9.3	11
	17,18	-	-	-	-	-
LKT6TL	Identifiler® Plus					
		22,25		18,18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23				8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

LLXP8V	GlobalFiler™ (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
LNBAJ	GlobalFiler™, Investigator® 24plex					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
LNWMGG	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
LPW7H4	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
LRE4C8	GlobalFiler™ (STRmix™)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	-			-	
LRWLL	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
LRYBQH	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

LUJV82	PowerPlex® Fusion 5C, MiniFiler					
	16	22,25	10,11	18	12,13	NA
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	NA	8,9.3	11
	17,18	NR/NE	NA	NA	NA	
LULF4G	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	--			--	
LVDCQP	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
LVVKEK	Identifiler® Plus					
		22,25		18,18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23				8,9.3	11,11
	17,18					
LYEFHC	Investigator® 24plex					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
LZ43JE	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	Not Tested
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	Not Tested	Not Tested	27.2,28.2	8,9.3	11,11
	17,18	No Results	Not Tested	Not Tested	No Results	
M3QQZY	Investigator® 24plex (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

M4ZRUK	Identifiler® Plus					
		22,25		18,18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					
M6E4Q4	PowerPlex® 16					
				18	12,13	
3	9,10	14,15			12,13	10,13
	14,17		28 ^,31.2 ^		X	8,11
	19,23	11,14	12,15 ^		8 ^,9.3 ^	11
	17,18 ^					
M77BNL	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
M7LHXA	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
M9GNJZ	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
M9JGFM	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
M9L7L7	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

MABC3W	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
MDW2KN	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
MF3ECM	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
MGVFAY	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	N/A
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	N/A	N/A	N/A	N/A	
MLR24M	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
MLTU2U	GlobalFiler™ (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
MMKVY6	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

MN6G38	Identifiler® Plus					
		22,25		18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11
	17,18					
MRJ6BT	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
MT6KAL	GlobalFiler™ Casework					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
MUXGG3	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	NR	NR	NR		
MWMDA9	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
MWNZVT	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
MYNZC7	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	

TABLE 2

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

Item 3 - STR Results

N47AMG	Investigator® 24plex (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
N699K3	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
N8J9MP	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	no results			no results	
N8PRWR	GlobalFiler™ (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
NCFLTM	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
ND73Q2	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
NE688V	Investigator® 24plex (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

NG4FKT	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
NGJTX4	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
NGLH22	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	No result			No result	
NN2ABY	Identifiler® Plus, GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
NNYJ6G	PowerPlex® 5C, 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
NP6KKP	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
NPMMDJ	Investigator® 24plex (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

NRRBWF	GlobalFiler™						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18						
NWV7RW	PowerPlex® Fusion 6C (STRmix)						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18						
NW6JD6	PowerPlex® Fusion 6C (STRmix)						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18						
NXXC73	PowerPlex® Fusion 6C (STRmix)						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18						
NY8GJQ	GlobalFiler™ (STRmix)						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18						
NYB7JH	GlobalFiler™						
		16,16	22,25	10,11	18,18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	XX	8,11
		19,23			27.2,28.2	8,9.3	11,11
	17,18	NA			NA		
P36FCV	PowerPlex® Fusion 6C						
		16,16	22,25	10,11	18,18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	XX	8,11
		19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18						

TABLE 2

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

Item 3 - STR Results

P4JR8E	GlobalFiler™						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18						
P7T7TM	GlobalFiler™						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18	No Results			No Results		
P9FBF6	PowerPlex® Fusion 6C (STRmix)						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18						
P9RTUP	PowerPlex® F6C (STRmix)						
		16,16	22,25	10,11	18,18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	XX	8,11
		19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18						
PEXGXQ	GlobalFiler™						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18						
PG64LA	GlobalFiler™						
		16,16	22,25	10,11	18,18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	XX	8,11
		19,23			27.2,28.2	8,9.3	11,11
	17,18						
PGJZM3	PowerPlex® Fusion						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23	11,14	12,15		8,9.3	11
	17,18						

TABLE 2

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

Item 3 - STR Results

PJ8JVf	PowerPlex® F6C (STRmix)						
		16,16	22,25	10,11	18,18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X,X	8,11
		19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18						
PJDEFr	PowerPlex® Fusion 6C (Lab Retriever)						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18						
PPW8AX	GlobalFiler™						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18						
PR3JA9	GlobalFiler™ (STRmix)						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,[20]	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,[28.2]	8,9.3	11
	17,18						
PV8PT7	PowerPlex® Fusion 6C (STRmix)						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18						
PWREJQ	PowerPlex® Fusion 5C						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23	11,14	12,15		8,9.3	11
	17,18	NR					
PXL3Z2	PowerPlex® 16, Fusion 6C, GlobalFiler™						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18						

TABLE 2

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

Item 3 - STR Results

PYM3Q8	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
PYMRLB	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
PYNGZG	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
Q2R6W3	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
Q3XYQW	PowerPlex® Fusion (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
Q4MLRY	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
Q4TL6L	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

Q76TQ8	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
Q97DKE	GlobalFiler™ (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	-			-	
QBELRD	Investigator® 24plex (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
QCRHD3	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
QE8NH7	PowerPlex® Fusion 5C, MiniFiler					
	16	22,25	10,11	18	12,13	NA
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	NA	8,9.3	11
	17,18	NR/NE	NA	NA	NA	
QFMZ6H	PowerPlex® Fusion					
	16	[22],25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	[10],13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
QGTP2Y	PowerPlex® Fusion					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

QHV42E	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
QKQ4J6	PowerPlex® Fusion 6C (STRMix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
QPUV8M	PowerPlex® F6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
QTVBY6	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
QTYEEW	Investigator® 24plex (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
QU7QXJ	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	--			--	
QU8HZ8	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

QUNMH7	GlobalFiler™						
		16,16	22,25	10,11	18,18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X,X	8,11
		19,23			27.2,28.2	8,9.3	11,11
	17,18						
QVW62A	PowerPlex® 16 HS						
				18,18	12,13		
	3	9,10	14,15		12,13	10,13	
		14,17		28,31.2	X,X	8,11	
		19,23	11,14	12,15	8,9.3	11,11	
	17,18						
QXGP9Y	GlobalFiler™						
		16,16	22,25	10,11	18,18	12,13	-
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X,X	8,11
		19,23	-	-	27.2,28.2	8,9.3	11,11
	17,18	-	-	-	-	-	
QZCEJ8	GlobalFiler™						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18						
QZVAEF	Investigator® 24plex (STRMix)						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18						
R3RBMN	GlobalFiler™						
		16,16	22,25	10,11	18,18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X,X	8,11
		19,23			27.2,28.2	8,9.3	11,11
	17,18						
R3ZYE4	GlobalFiler™						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18						

TABLE 2

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

Item 3 - STR Results

R4BN9K	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
R678C8	PowerPlex® Fusion 5C (STRMIX)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18	NR				
R8PRXW	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
R8X2F3	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
RBCXL6	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
RGK3UR	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
RHAW93	PowerPlex® Fusion (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18	-				

TABLE 2

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

Item 3 - STR Results

RHKUAD	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
RHTAY7	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
RK2DY9	PowerPlex® 21					
	16,16	22,25		18,18	12,13	12,12
3	9,10	14,15		17,20	12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
RP69X4	PowerPlex® Fusion 5C, MiniFiler					
	16	22,25	10,11	18	12,13	NA
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	NA	8,9.3	11
	17,18	NR/NE	NA	NA	NA	
RPRYHV	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
RQGVH4	GlobalFiler™ (STRMix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
RVVK9R	Investigator® 24plex (STRMix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

RZ22KA	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	-	-	-		
RZ4WZY	PowerPlex® Fusion 5C, GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
T22UCK	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
T4KJ9C	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
T6DC4V	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
T6VJ7R	PowerPlex® Fusion (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18	INC				
T7MBAX	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	

TABLE 2

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

Item 3 - STR Results

T886CL	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
T9GWHG	PowerPlex® Fusion 6C (ArmedXpert)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
TA6QLB	PowerPlex® Fusion 5C, Investigator® 24plex					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
TAPEXD	PowerPlex® Fusion					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18	NR				
TBGE7B	Identifiler® Plus					
	-	22,25	-	18	12,13	-
3	9,10	14,15	-	-	12,13	10,13
	14,17	14,15.2	28,31.2	-	XX	8,11
	19,23	-	-	-	8,9.3	11
	17,18	-	-	-	-	
TH3A8E	Identifiler® Plus					
		22,25		18,18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23				8,9.3	11,11
	17,18					
TJ4E9N	Investigator® 24plex QS					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

TKVDPD	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
TPH7VL	PowerPlex® F6C (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
TRD3PT	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
TTLNC3	PowerPlex® Fusion (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18	INC				
TUHQ6H	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
TVAQ3T	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
TW2FZA	Identifiler® Plus					
	-	22,25	-	18	12,13	-
3	9,10	14,15	-	-	12,13	10,13
	14,17	14,15.2	28,31.2	-	XX	8,11
	19,23	-	-	-	8,9.3	11
	17,18	-	-	-	-	

TABLE 2

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

Item 3 - STR Results

TW7GFH	Investigator® 24plex (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
TW9DL8	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
TXGDVU	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
TY7ZWW	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
U7CEQJ	GlobalFiler™ (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
U7EWWV	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
U7GG4W	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	

TABLE 2

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

Item 3 - STR Results

UFFNYU	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
UGG9A3	Identifiler® Plus					
		22,25		18,18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23				8,9.3	11,11
	17,18					
UHBWTX	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
UHF3KU	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
UK96GA	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
UNRK42	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
UPFKY7	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

URRMAP	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18	NR	NR	NR		
V2W2PW	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
V7JKDR	Investigator® 24plex (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
V83UJR	PowerPlex® F6C					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
VCYCZT	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	
VDPMT7	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
VFXPNH	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	NR			NR	

TABLE 2

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

Item 3 - STR Results

VG68KT	Investigator® 24plex QS					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
VJVDZJ	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
VKHH9B	Identifiler® Plus					
		22,25		18,18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23				8,9.3	11,11
	17,18					
VMX8ZA	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
VN2DC4	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
VP937Y	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
VPNDJK	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

VRNN78	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
VWHGMG	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
VYNNM4	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
VZ48UD	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
W3G2QJ	Investigator® 24plex QS (STRMix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
W6MHUG	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	No Results			No Results	
WA66X8	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

WAJGR7	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
WAMFWU	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
WBBZDY	PowerPlex® Fusion (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18	INC				
WBT8HG	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
WCZME2	Identifiler® + Plus					
		22,25		18,18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					
WEAGPT	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	-			-	
WHDNAB	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18	NR				

TABLE 2

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

Item 3 - STR Results

WKC3B	Identifiler® Plus					
		22,25		18,18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					
WKJ6PU	Identifiler® Plus					
		22,25		18,18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11,11
	17,18					
WLP838	PowerPlex® 5C, Investigator® 24plex					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
WN2T7F	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
WPK686	PowerPlex® Fusion 6C, GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	NOT TESTED
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18	NR	NR	NR	NR	
WQRZG6	PowerPlex® Fusion 5C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15		8,9.3	11
	17,18					
WVXKEA	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

WWEBKD	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
WYCEZ9	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
WYE47Q	Identifiler® Plus, GlobalFiler™, MiniFiler					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
WYGP37	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	-			-	
WZCK9F	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
X3B7R7	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	--			--	
X3G4D3	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

X3YTEF	GlobalFiler™						
		16,16	22,25	10,11	18,18	12,13	-
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X,X	8,11
		19,23	-	-	27.2,28.2	8,9.3	11,11
	17,18	NR	-	-	NR		
X44YMN	GlobalFiler™						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR		
X94767	GlobalFiler™						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18						
XBMCCF	PowerPlex® Fusion 6C						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18						
XE4MJR	GlobalFiler™						
		16,16	22,25	10,11	18,18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X,X	8,11
		19,23			27.2,28.2	8,9.3	11,11
	17,18	-			-		
XETLUD	GlobalFiler™						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18	No Results			No Results		
XMMYMK	GlobalFiler™						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18						

TABLE 2

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

Item 3 - STR Results

XMYPJH	GlobalFiler™						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18						
XPW3WG	GlobalFiler™						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18						
XQGMDZ	GlobalFiler™						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18						
XQZTDQ	GlobalFiler™						
		16,16	22,25	10,11	18,18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	XX	8,11
		19,23			27.2,28.2	8,9.3	11,11
	17,18	-			-		
XRUFRE	GlobalFiler™						
		16,16	22,25	10,11	18,18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	XX	8,11
		19,23			27.2,28.2	8,9.3	11,11
	17,18	no result			no result		
XTDTV	GlobalFiler™ (STRmix)						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18	-			-		
XUN7BZ	Investigator® 24plex QS (STRmix)						
		16	22,25	10,11	18	12,13	
	3	9,10	14,15	13,14	17,20	12,13	10,13
		14,17	14,15.2	28,31.2	14,18	X	8,11
		19,23			27.2,28.2	8,9.3	11
	17,18						

TABLE 2

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

Item 3 - STR Results

XUZQ2W	Identifiler® Plus					
		22,25		18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23				8,9.3	11
	17,18					
XWCMK9	Investigator® 24plex (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
XZFRJT	PowerPlex® 21					
	16,16	22,25		18,18	12,13	12,12
3	9,10	14,15		17,20	12,13	10,13
	14,17	14,15.2	28,31.2		X,X	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
XZUKGC	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
Y2WX43	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	---			---	
Y4LWFL	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
Y4NJ27	GlobalFiler™ (STRMix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X,X	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

Y7DQJG	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
YDBMZR	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
YDHNAY	Investigator® 24plex					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
YFHGPK	Investigator® 24plex (STRMIX)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
YHXYM3	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	NA
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	NA	NA	27.2,28.2	8,9.3	11,11
	17,18	NR	NA	NA	NR	
YJZN68	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					
YLZNDQ	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

YQEN8W	PowerPlex® Fusion 5C, MiniFiler					
	16	22,25	10,11	18	12,13	NA
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	NA	8,9.3	11
	17,18	NR/NE	NA	NA	NA	
YRDTGH	PowerPlex® Fusion 6C (Lab Retriever)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
YUACN4	GlobalFiler™, Investigator® 24plex					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
YXT8RW	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
Z26LN2	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	NT
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	NT	NT	27.2,28.2	8,9.3	11,11
	17,18	NR	NT	NT	NR	
Z3FH2T	PowerPlex® 21					
	16,16	22,25		18,18	12,13	12,12
3	9,10	14,15		17,20	12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
Z69DV7	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

ZA878V	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
ZAM8JQ	Identifiler® Plus					
		22,25		18,18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23				8,9.3	11,11
	17,18					
ZAW6P3	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
ZCJNLU	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
ZD8Y4U	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
ZDQ9AU	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
ZFWQBB	PowerPlex® Fusion 6C (STRmix)					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					

TABLE 2

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

Item 3 - STR Results

ZG3LNG	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
ZGN4Z4	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
ZHF97V	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18	-			-	
ZHKLXY	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18					
ZLMYYB	GlobalFiler™					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
ZMT3A8	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
ZQR9Z8	Identifiler® Plus					
		22,25		18,18	12,13	
3	9,10	14,15			12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23				8,9.3	11,11
	17,18					

TABLE 2

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

Item 3 - STR Results

ZT298Y	PowerPlex® Fusion 6C					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11
	17,18					
ZTJDLR	GlobalFiler™					
	16	22,25	10,11	18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	X	8,11
	19,23			27.2,28.2	8,9.3	11
	17,18	NR			NR	
ZTWVFW	GlobalFiler™ (STRmix)					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23			27.2,28.2	8,9.3	11,11
	17,18					
ZVY7NR	PowerPlex® PP21					
	16,16	22,25		18,18	12,13	12,12
3	9,10	14,15		17,20	12,13	10,13
	14,17	14,15.2	28,31.2		XX	8,11
	19,23	11,14	12,15		8,9.3	11,11
	17,18					
ZY9YA6	PowerPlex® Fusion 6C					
	16,16	22,25	10,11	18,18	12,13	
3	9,10	14,15	13,14	17,20	12,13	10,13
	14,17	14,15.2	28,31.2	14,18	XX	8,11
	19,23	11,14	12,15	27.2,28.2	8,9.3	11,11
	17,18					

TABLE 2

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

Item 4 - STR Results

22DA8Y	PowerPlex® 21 (STRmix)					
	12,15	23,25		16,17	12,13	11,12
4	8,9	11,14		21,21	12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16					
24U6D7	GlobalFiler™, Investigator® 24plex					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
24WJN	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
26D7FZ	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
26V2W2	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
2A2Q4N	PowerPlex® Fusion					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7^,9	8
	16	10	18	19		
2AEG9L	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			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

2D7P6M	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
2D7RR7	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
2EXBCE	PowerPlex® Fusion 5C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	10				
2FCRV8	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
2G8VH8	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
2KQH69	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
2LJXAV	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	17,18	18,19		

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

2MDXEF	Investigator® 24plex QS (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10				
2N6MQ2	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
2N96QL	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
2U6C6F	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
2V6NRB	PowerPlex® F6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
2V7BCU	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
2WQ9J8	Investigator® 24plex IDplex Go!					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8,8
	16,16					

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

2XBUJ4	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
2Y4DBA	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
2Y73HR	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
2YPUM6	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
2YXQH4	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
2ZUZQD	PowerPlex® Fusion6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
39FMXU	Identifiler® Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8,8
	16,16					

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

3AABGQ	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	N/A
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	N/A	N/A	14,15	7,9	8,8
	16,16	10	N/A	N/A	2	
3ACZLM	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
3AK2N3	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
3BB86T	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
3BCKMZ	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
3BZLUC	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
3CMX2P	PowerPlex® Fusion 5C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	10				

TABLE 2

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

Item 4 - STR Results

3D8WQF	PowerPlex® Fusion 6C (STRMix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
3DK3YX	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10,10			2	
3FQNMX	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
3J49EQ	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
3M4HKL	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
3N2W7J	Investigator® 24plex (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10				
3R26BU	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			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

3VFNBX	PowerPlex® Fusion 5C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16	10				
3WC6GT	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
3WDET6	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
3XTT6K	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
3YH4XY	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
44K78L	PowerPlex® Fusion 6C, PP16					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
492NBP	PowerPlex® Fusion					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	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

494K9K	Investigator® 24plex QS					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10				
49NMX4	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	19		
4BVL6V	PowerPlex® Fusion 5C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16	10				
4C6CYR	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
4F82QZ	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
4FMQ6R	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	9,10	17,18	18,19		
4J8AUB	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			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

4JYE9P	Identifiler® Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8
	16					
4L44BY	PowerPlex® Fusion 5C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	10				
4LNV8Q	PowerPlex® Fusion					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16	INC				
4NBCJJ	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
4NKGP3	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
4Q46UU	Investigator® 24plex QS (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10				
4QHNBT	Identifiler® Plus, NGMSE					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16					

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

4RU8MB	PowerPlex® ES17 PRO & ESX17					
	12,15	23,25	10,14	16,17		
4		11,14	13,14	21		9,13
	15,19	13,14	29,32.2	15,17	X,Y	
	20,23			14,15	7,9	
	16					
4TBCDM	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4		11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
4Z7L8R	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4		11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
4ZCGAD	Investigator® 24plex					
	12,15	23,25	10,14	16,17	12,13	
4		11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10				
68PHW7	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4		11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
69K2WL	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4		11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
6B2WFY	Identifiler® Plus					
	-	23,25	-	16,17	12,13	-
4		11,14	-	-	12,14	9,13
	15,19	13,14	29,32.2	-	X,Y	11,12
	20,23	-	-	-	7,9	8
	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

6BQGC6	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
6DB3QT	Investigator® 24plex QS (Strmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10				
6DDPFT	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
6EMA4E	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
6ER7GD	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
6EV4CN	PowerPlex® 21					
	12,15	23,25		16,17	12,13	11,12
4	8,9	11,14		21,21	12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16					
6FYJZJ	Investigator® 24plex QS (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10				

TABLE 2

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

Item 4 - STR Results

6H9YL7	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
6JHKZT	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
6KEDBK	PowerPlex® ESX 16 Fast					
	12,15	23,25	10,14	16,17		
4		11,14	13,14	21,21		9,13
	15,19	13,14	29,32.2	15,17	X,Y	
	20,23				7,9	
	16,16					
6KEJ97	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
6KHE7E	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
6MK3AM	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
6QCMAR	PowerPlex® Fusion 5C, MiniFiler					
	12,15	23,25	10,14	16,17	12,13	NA
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	NA	7,9	8
	16	10	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

6QYH2Z	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
6RKZDL	PowerPlex® PP21					
	12,15	23,25		16,17	12,13	11,12
4	8,9	11,14		21,21	12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16					
6VB3VL	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
6WA8CF	Investigator® 24plex (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10				
6XTBRZ	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
6Z8NK4	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
77KXEP	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			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

788RNL	Identifiler® Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8,8
	16,16					
79AH7F	PowerPlex® Fusion					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16	INC				
79E7UR	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
7AQEU9	GlobalFiler™ (STRmix 2.4)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
7CWZHY	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
7E8BLB	Investigator® 24plex QS					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10				
7EWAD9	PowerPlex® Fusion					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	10				

TABLE 2

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

Item 4 - STR Results

7GB2RP	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	17,18	18,19		
7MFCVW	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
7QCZEY	PowerPlex® 21					
	12,15	23,25		16,17	12,13	11,12
4	8,9	11,14		21	12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16					
7QQLLF	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
7R6TAH	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
7TP2KD	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
7UAFN9	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			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

7VR2G4	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
7WKCGR	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
7WQ6EK	Identifiler® Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8,8
	16,16					
876LFQ	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
87LBAP	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
8ET3LZ	PowerPlex® Fusion					
	12,15	23,25	10,[14]	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	10				
8F29VV	PowerPlex® Fusion 24					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	10				

TABLE 2

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

Item 4 - STR Results

8FA246	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
8FXPRZ	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
8GQKE9	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
8K9EXA	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
8QUX9G	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
8RHV4V	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	-
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	-	-	14,15	7,9	8
	16	10	-	-	2	
8TX2U8	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			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

8VMDNB	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
8W996J	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
8WEN7Q	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
8ZGBD3	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
924AQY	PowerPlex® Fusion 5C and 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
92KJQQ	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
92M6L8	PowerPlex® F6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	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

9397RT	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
93P9E3	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
94C6K9	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
9AL8M4	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
9BFV7Y	PowerPlex® 5C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	10				
9F2L2N	PowerPlex® Fusion 5C, MiniFiler					
	12,15	23,25	10,14	16,17	12,13	NA
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	NA	7,9	8
	16	10	NA	NA	NA	
9FQJTW	Investigator® 24plex (STRmix V2.4.06)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10				

TABLE 2

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

Item 4 - STR Results

9GH3MM	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
9GZTGM	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
9KJ7EA	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
9KX8TQ	PowerPlex® Fusion 5C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16	10				
9MUH9R	PowerPlex® Fusion 5C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	10				
9NHYZ	Investigator® 24plex					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10				
9PUQC3	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			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

9Q6PCD	PowerPlex® Fusion					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16	INC				
9QAHEC	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
9R3E2L	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
9RER64	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	19		
9T7XE3	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
9U9RNE	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
9WPPQ6	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			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

9WTF7	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
9ZYNCY	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
A2J7F4	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
A2KWVY	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	19		
A4EYZ9	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
A68UMG	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	-
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19	-	
A97X24	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			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

AAD9LL	PowerPlex® Fusion					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	INC				
ABM4K7	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
ACNH34	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
ADHDGZ	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
AJLDYG	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
AKEK8F	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
AQ4N9C	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	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

AQGTF4	Investigator® 24plex					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10				
AWUWYW	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
AXTVEP	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
AZ7GB7	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
AZPH2E	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
B2D6E3	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
B4QUM7	Investigator® 24plex QS (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10				

TABLE 2

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

Item 4 - STR Results

B92PLN	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
B93493	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
B9XCUL	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
BB26LY	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
BCB7FK	PowerPlex® Fusion 5C, GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10			2	
BDUANP	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
BDV3KC	PowerPlex® Fusion 6C (STRMix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	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

BJD9NR	PowerPlex® Fusion 5C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	10				
BJGLHF	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
BKZEQ6	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
BL9CR7	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
BMUN6B	PowerPlex® Fusion					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16	INC				
BN7DHV	Identifiler® Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,13	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8
	16					
BQYLZJ	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	9,10	17,18	18,19		

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

BRXWTZ	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
BYBDBC	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
C2EJ3M	PowerPlex® F6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
C4FEY4	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
C4GDTC	Identifiler® Plus, GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
C68LQU	PowerPlex® 16, ESX 17					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16					
C6FYT4	GlobalFiler™ (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			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

C84RVT	Investigator® 24plex (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10				
C9DZMZ	PowerPlex® Fusion 5C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16	10				
CA8N4B	Identifiler® Plus, GlobalFiler™, MiniFiler					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
CAA9YQ	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
CBMTUL	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
CCJMQC	PowerPlex® F6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	19		
CDHV7Z	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			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

CFBUFT	GlobalFiler™, Investigator® 24plex					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
CFFVZ	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
CG7A4B	Investigator® 24plex					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10				
CHPGQY	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
CJDEXY	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
CJGHNA	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
CMTXPF	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			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

CN8FTL	PowerPlex® ESI-17 FAST, ESX-17 Fast					
	12,15	23,25	10,14	16,17		
4		11,14	13,14	21		9,13
	15,19	13,14	29,32.2	15,17	X,Y	
	20,23			14,15	7,9	
	16					
CNNKGC	Investigator® 24plex (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4		11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10				
CNW3UN	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	Not Tested
4		11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	Not Tested	Not Tested	14,15	7,9	8,8
	16,16	10	Not Tested	Not Tested	2	
CQ7ZBF	PowerPlex® Fusion 5C					
	12,15	23,25	10,14	16,17	12,13	
4		14,15	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	10				
CR9XDE	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4		11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
CTHLDY	PowerPlex® F6C					
	12,15	23,25	10,14	16,17	12,13	
4		11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
CWDD8P	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4		11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			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

D3KBLM	GlobalFiler™ (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
D4Y23P	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
D6E7VW	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
D6WCXT	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
D7HNEE	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	N/T
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	N/T	N/T	14,15	7,9	8,8
	16,16	10	N/T	N/T	2	
D7KCUX	PowerPlex® F6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
DB2UXZ	Investigator® 24plex					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10				

TABLE 2

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

Item 4 - STR Results

DEL67J	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	9,10	17,18	18,19		
DHWTC3	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
DKL73L	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
DKQEHZ	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
DLEUR9	Investigator® 24plex (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10				
DN8DLY	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
DNMAYE	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	NR
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	NR	NR	14,15	7,9	8
	16	10	NR	NR	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

DTGVZP	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
DWR9F3	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
E2HZ3P	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
E2JTUH	PowerPlex® Fusion 6C, ESI 17 FAST, 21, NGM SElect, NGM DEtect					
	12,15	23,25	10,14	16,17	12,13	11,12
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	19	2	
E7EBEP	GlobalFiler™, Investigator® 24plex					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
EEDFJX	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
EETEHV	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			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

EFNWND	PowerPlex® Fusion 5C, GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10			2	
EHWHLW	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
EHZ6Y4	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
EK6RC9	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
EKNE96	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
ELXJNE	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
EMME8V	PowerPlex® Fusion 5C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	10				

TABLE 2

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

Item 4 - STR Results

EMP4CT	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	19		
EN6YW7	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
ERYX6A	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
EYUMAL	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
F27R49	Investigator® 24plex QS					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10				
F3ZMKP	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
F6ZJMK	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			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

FAD9D9	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
FBBGLR	Investigator® 24plex					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10				
FCNCN6	PowerPlex® F6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
FDUR7P	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
FDYFTG	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
FF2XRQ	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	19		
FGNHKN	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	-
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	-	-	14,15	7,9	8
	16	10	-	-	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

FJFHTK	GlobalFiler™ (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
FMEUJQ	PowerPlex® Fusion					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	10				
FNTDJF	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
FQ7VQR	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
FQ9VZL	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
FU6HTA	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	-
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19	-	
FYZVET	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	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

G2AVBH	Identifiler® Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8
	16					
G2M9WF	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	9,10	17,18	18,19		
G3AFUD	PowerPlex® Fusion					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	INC				
G3V4ZE	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
G4Q4DX	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
G7H3RW	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
GABW3X	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			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

GBQH47	GlobalFiler™ (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10,10			2,2	
GDUXDC	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
GFFVEM						
	12,15	23,25	10,14	16,17	12,13	11,12
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16	10			2	
GL8TBQ	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	19		
GMMFDK	PowerPlex® 21					
	12,15	23,25		16,17	12,13	11,12
4	8,9	11,14		21,21	12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16					
GPKMYB	Identifiler® Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8,8
	16,16					
GPZ3BQ	PowerPlex® Fusion					
	12,15	23,25	10,[14]	16,17	12,13	
4	8,9	11,[14]	13,14	21	12,14	[9,]13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	10				

TABLE 2

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

Item 4 - STR Results

GUJWEJ	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
GVCY8D	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
GVT6GC	PowerPlex® Fusion					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	INC				
GW7AXR	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
GWTEWU	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
GYAKTP	PowerPlex® F6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	19		
H6R2Z6	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			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

H77LMN	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
H8FTPG	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
HBBGCP	Identifiler® Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8,8
	16,16					
HEZV7J	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
HGCX83	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	19		
HMG7JK	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
HNTCA9	Identifiler® Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8,8
	16,16					

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

HPWZ2D	PowerPlex® Fusion (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	INC				
HTPZNU	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
HUY8P3	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	NA
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19	NA	
HV4A8L	GlobalFiler™, Investigator® 24plex					
	12,15	INC	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
HW3F2M	Investigator® 24plex (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10				
HYPY3K	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
HYXGGG	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	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

HYYBZM	Identifiler® Plus, MiniFiler					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8
	16					
J2U7K3	Investigator® 24plex (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10				
J4P6DE	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
J7KFRF	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
J8YKQE	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
J94FQH	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
JBjuHQ	Investigator® 24plex					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10				

TABLE 2

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

Item 4 - STR Results

JDNL4Q	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
JH3ZEX	Investigator® 24plex QS (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10				
JJUGMQ	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
JKBGX9	PowerPlex® 21					
	12,15	23,25		16,17	12,13	11,12
4	8,9	11,14		21,21	12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16					
JMGUQ3	PowerPlex® F6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	19		
JQKM3E	Identifiler® Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8,8
	16,16					
JR3TJH	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			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

JV23FD	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
JV3Q4J	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
JVGE6A	PowerPlex® Fusion					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16	INC				
JVQJG	PowerPlex® 21					
	12,15	23,25		16,17	12,13	11,12
4	8,9	11,14		21,21	12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16					
JX4VG4	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
JZJ29Z	Investigator® 24plex (STRMix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10				
JZJK92	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	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

K2MBNA	PowerPlex® Fusion					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16	INC				
K6NQER	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
K7CWB3	PowerPlex® Fusion 5C, MiniFiler					
	12,15	23,25	10,14	16,17	12,13	NA
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	NA	7,9	8
	16	10	NA	NA	NA	
K7EH7J	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
K7NJG7	Identifiler® Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8,8
	16,16					
K8A84K	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
K8V4ZY	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	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

K8VPEL	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	19		
K996XE	Investigator® 24plex QS					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10				
KCNAGM	PowerPlex® Fusion 5C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	10				
KCUEZ7	Identifiler® Plus (STRmix)					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8,8
	16,16					
KEWYPK	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
KFJPLH	Identifiler® Plus					
	-	23,25	-	16,17	12,13	-
4	8,9	11,14	-	-	12,14	9,13
	15,19	13,14	29,32.2	-	X,Y	11,12
	20,23	-	-	-	7,9	8
	16	-	-	-	-	
KG3JDK	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			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

KGKTJL	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
KHQUDL	PowerPlex® Fusion 5C, GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10			2	
KHTJK4	PowerPlex® Fusion 5C, MiniFiler					
	12,15	23,25	10,14	16,17	12,13	NA
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	NA	7,9	8
	16	10	NA	NA	NA	
KJNRRT	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
KKJAVF	PowerPlex® Fusion 5C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16	10				
KMMH6E	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
KRDUM4	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			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

KRZB6K	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
KWVDGD	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
KY7BVU	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
L2WJ7A	Identifiler® Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8
	16					
L2YKXM	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	19		
L4RRFJ	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
L84ABZ	PowerPlex® Fusion					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16	10				

TABLE 2

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

Item 4 - STR Results

L8HL3D	GlobalFiler™ (GeneMapper ID-X 1.5)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
L8QKHA	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
LBUUNQ	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
LGG4Y4	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
LHKY8K	PowerPlex® Fusion 5C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	INC	X,Y	11,12
	20,23	11,12	5,10		7,9	INC
	16	10				
LJYLJ8	Identifiler® Plus					
	-	23,25	-	16,17	12,13	-
4	8,9	11,14	-	-	12,14	9,13
	15,19	13,14	29,32.2	-	X,Y	11,12
	20,23	-	-	-	7,9	8
	16	-	-	-	-	
LKT6TL	Identifiler® Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8,8
	16,16					

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

LLXP8V	GlobalFiler™ (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
LNBAGJ	GlobalFiler™, Investigator® 24plex					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
LNWMGG	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
LPW7H4	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
LRE4C8	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
LRWLL	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
LRYBQH	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			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

LUJV82	PowerPlex® Fusion 5C, MiniFiler					
	12,15	23,25	10,14	16,17	12,13	NA
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	NA	7,9	8
	16	10	NA	NA	NA	
LULF4G	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
LVDCQP	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
LVVKEK	Identifiler® Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	19,-	13,14	29,32.2		X,Y	11,12
	20,-				7,9	8,8
	16,16					
LYEFHC	Investigator® 24plex					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10				
LZ43JE	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	Not Tested
4	8,9	11,14	13,14	21,21	12,14	9,13
	{15,19}	13,14	29,32.2	15,17	X,Y	11,12
	20,23	Not Tested	Not Tested	14,15	7,9	8,8
	16,16	10	Not Tested	Not Tested	2	
M3QQZY	Investigator® 24plex (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10				

TABLE 2

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

Item 4 - STR Results

M4ZRUK	Identifiler® Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8,8
	16,16					
M6E4Q4	PowerPlex® 16					
				16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19		29,32.2		X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16					
M77BNL	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
M7LHXA	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
M9GNJZ	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
M9JGFM	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
M9L7L7	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	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

MABC3W	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
MDW2KN	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
MF3ECM	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
MGVFAY	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	N/A
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19	N/A	
MLR24M	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
MLTU2U	GlobalFiler™ (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
MMKVY6	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	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

MN6G38	Identifiler® Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8
	16					
MRJ6BT	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
MT6KAL	GlobalFiler™ Casework					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
MUXGG3	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
MWMDA9	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
MWNZVT	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
MYNZC7	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			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

N47AMG	Investigator® 24plex, MiniFiler (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10				
N699K3	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
N8J9MP	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
N8PRWR	GlobalFiler™ (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
NCFLTM	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
ND73Q2	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
NE688V	Investigator® 24plex					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10				

TABLE 2

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

Item 4 - STR Results

NG4FKT	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
NGJTX4	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
NGLH22	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
NN2ABY	Identifiler® Plus, GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
NNYJ6G	PowerPlex® 5C, 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
NP6KKP	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
NPMMDJ	Investigator® 24plex (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10				

TABLE 2

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

Item 4 - STR Results

NRRBWF	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
NVW7RW	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
NW6JD6	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
NXXC73	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
NY8GJQ	GlobalFiler™ (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
NYB7JH	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
P36FCV	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	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

P4JR8E	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
P7T7TM	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
P9FBF6	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
P9RTUP	PowerPlex® F6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	19		
PEXGXQ	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
PG64LA	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
PGJZM3	PowerPlex® Fusion, GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10			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

PJ8JVF	PowerPlex® F6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	19		
PJDEFR	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
PPW8AX	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
PR3JA9	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
PV8PT7	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	9,10	17,18	18,19		
PWREJQ	PowerPlex® Fusion 5C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	10				
PXL3Z2	PowerPlex® 16, Fusion 6C, GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19	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

PYM3Q8	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
PYMRLB	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
PYNGZG	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	19		
Q2R6W3	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	9,10	17,18	18,19		
Q3XYQW	PowerPlex® Fusion					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	INC				
Q4MLRY	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
Q4TL6L	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			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

Q76TQ8	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
Q97DKE	GlobalFiler™ (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
QBELRD	Investigator® 24plex					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10				
QCRHD3	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
QE8NH7	PowerPlex® Fusion 5C, MiniFiler					
	12,15	23,25	10,14	16,17	12,13	NA
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	NA	7,9	8
	16	10	NA	NA	NA	
QFMZ6H	PowerPlex® Fusion					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,[12]
	20,23	11,12	5,10		7,9	8
	16	10				
QGTP2Y	PowerPlex® Fusion					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16	10				

TABLE 2

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

Item 4 - STR Results

QHV42E	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	19		
QKQ4J6	PowerPlex® Fusion 6C (STRMix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	17,18	18,19		
QPUV8M	PowerPlex® F6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
QTVBY6	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	17,18	18,19		
QTYEEW	Investigator® 24plex (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10				
QU7QXJ	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
QU8HZ8	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			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

QUNMH7	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
QVW62A	PowerPlex® 16 HS					
				16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19		29,32.2		X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16					
QXGP9Y	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	-
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	-	-	14,15	7,9	8,8
	16,16	10	-	-	2	
QZCEJ8	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
QZVAEF	Investigator® 24plex					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10				
R3RBMN	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
R3ZYE4	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			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

R4BN9K	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
R678C8	PowerPlex® Fusion 5C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16	10				
R8PRXW	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
R8X2F3	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
RBCXL6	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
RGK3UR	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
RHAW93	PowerPlex® Fusion					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	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

RHKUAD	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
RHTAY7	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
RK2DY9	PowerPlex® 21					
	12,15	23,25		16,17	12,13	11,12
4	8,9	11,14		21,21	12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16					
RP69X4	PowerPlex® Fusion 5C, MiniFiler					
	12,15	23,25	10,14	16,17	12,13	NA
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	NA	7,9	8
	16	10	NA	NA	NA	
RPRYHV	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
RQGVH4	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
RVVK9R	Investigator® 24plex					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10				

TABLE 2

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

Item 4 - STR Results

RZ22KA	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
RZ4WZY	PowerPlex® Fusion 5C, GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10			2	
T22UCK	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
T4KJ9C	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
T6DC4V	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
T6VJ7R	PowerPlex® Fusion					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	INC				
T7MBAX	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			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

T886CL	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
T9GWHG	PowerPlex® Fusion 6C (ArmedXpert)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
TA6QLB	PowerPlex® Fusion 5C, Investigator® 24plex					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10				
TAPEXD	PowerPlex® Fusion					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	10				
TBGE7B	Identifiler® Plus					
	-	23,25	-	16,17	12,13	-
4	8,9	11,14	-	-	12,14	9,13
	15,19	13,14	29,32.2	-	X,Y	11,12
	20,23	-	-	-	7,9	8
	16	-	-	-	-	
TH3A8E	Identifiler® Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8,8
	16,16					
TJ4E9N	Investigator® 24plex QS					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10				

TABLE 2

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

Item 4 - STR Results

TKVDPD	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
TPH7VL	PowerPlex® F6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	19		
TRD3PT	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	19		
TTLNC3	PowerPlex® Fusion					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	INC				
TUHQ6H	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
TVAQ3T	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
TW2FZA	Identifiler® Plus					
	-	23,25	-	16,17	12,13	-
4	8,9	11,14	-	-	12,14	9,13
	15,19	13,14	29,32.2	-	X,Y	11,12
	20,23	-	-	-	7,9	8
	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

TW7GFH	Investigator® 24plex (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10				
TW9DL8	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
TXGDVU	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
TY7ZWW	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
U7CEQJ	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
U7EWWV	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
U7GG4W	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			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

UFFNYU	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
UGG9A3	Identifiler® Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8,8
	16,16					
UHBWTX	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
UHF3KU	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
UK96GA	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
UNRK42	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
UPFKY7	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			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

URRMAP	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
V2W2PW	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
V7JKDR	Investigator® 24plex (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10				
V83UJR	PowerPlex® F6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	19		
VCYCZT	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
VDPMT7	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
VFXPNH	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			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

VG68KT	Investigator® 24plex QS					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10				
VJVDZJ	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
VKHH9B	Identifiler® Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8,8
	16,16					
VMX8ZA	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
VN2DC4	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
VP937Y	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
VPNDJK	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			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

VRNN78	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
VWHGMG	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
VYNNM4	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
VZ48UD	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
W3G2QJ	Investigator® 24plex QS (STRMix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10				
W6MHUG	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
WA66X8	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			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

WAJGR7	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
WAMFWU	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
WBBZDY	PowerPlex® Fusion					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	INC				
WBT8HG	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
WCZME2	Identifiler® + Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8,8
	16,16					
WEAGPT	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
WHDNAB	PowerPlex® 5C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	10				

TABLE 2

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

Item 4 - STR Results

WKC3B	Identifiler® Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8,8
	16,16					
WKJ6PU	Identifiler® Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8,8
	16,16					
WLP838	PowerPlex® 5C, Investigator® 24plex					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10				
WN2T7F	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
WPK686	PowerPlex® Fusion 6C, GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	NOT TESTED
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	19	2	
WQRZG6	PowerPlex® Fusion 5C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10		7,9	8
	16	10				
WVXKEA	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	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

WWEBKD	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
WYCEZ9	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
WYE47Q	Identifiler® Plus, GlobalFiler™, MiniFiler					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
WYGP37	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
WZCK9F	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
X3B7R7	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
X3G4D3	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			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

X3YTEF	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	-
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	-	-	14,15	7,9	8,8
	16,16	10	-	-	2	
X44YMN	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
X94767	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
XBMCFF	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
XE4MJR	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
XETLUD	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
XMMYMK	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			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

XMYPJH	GlobalFiler™					
		12,15	23,25	10,14	16,17	12,13
	4	8,9	11,14	13,14	21	12,14 9,13
		15,19	13,14	29,32.2	15,17	X,Y 11,12
		20,23			14,15	7,9 8
	16	10			2	
XPW3WG	GlobalFiler™					
		12,15	23,25	10,14	16,17	12,13
	4	8,9	11,14	13,14	21	12,14 9,13
		15,19	13,14	29,32.2	15,17	X,Y 11,12
		20,23			14,15	7,9 8
	16	10			2	
XQGMDZ	GlobalFiler™					
		12,15	23,25	10,14	16,17	12,13
	4	8,9	11,14	13,14	21	12,14 9,13
		15,19	13,14	29,32.2	15,17	X,Y 11,12
		20,23			14,15	7,9 8
	16	10			2	
XQZTDQ	GlobalFiler™					
		12,15	23,25	10,14	16,17	12,13
	4	8,9	11,14	13,14	21,21	12,14 9,13
		15,19	13,14	29,32.2	15,17	X,Y 11,12
		20,23			14,15	7,9 8,8
	16,16	10			2	
XRUFRE	GlobalFiler™					
		12,15	23,25	10,14	16,17	12,13
	4	8,9	11,14	13,14	21,21	12,14 9,13
		15,19	13,14	29,32.2	15,17	X,Y 11,12
		20,23			14,15	7,9 8,8
	16,16	10			2	
XTDTV	GlobalFiler™					
		12,15	23,25	10,14	16,17	12,13
	4	8,9	11,14	13,14	21	12,14 9,13
		15,19	13,14	29,32.2	15,17	X,Y 11,12
		20,23			14,15	7,9 8
	16	10			2	
XUN7BZ	Investigator® 24plex QS					
		12,15	23,25	10,14	16,17	12,13
	4	8,9	11,14	13,14	21	12,14 9,13
		15,19	13,14	29,32.2	15,17	X,Y 11,12
		20,23			14,15	7,9 8
	16	10				

TABLE 2

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

Item 4 - STR Results

XUZQ2W	Identifiler® Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8
	16					
XWCMK9	Investigator® 24plex					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10				
XZFRJT	PowerPlex® 21					
	12,15	23,25		16,17	12,13	11,12
4	8,9	11,14		21,21	12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16					
XZUKGC	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
Y2WX43	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
Y4LWFL	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
Y4NJ27	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			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

Y7DQJG	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
YDBMZR	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
YDHNAY	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
YFHGPK	Investigator® 24plex					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10				
YHXYM3						
	12,15	23,25	10,14	16,17	12,13	NA
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	NA	NA	14,15	7,9	8,8
	16,16	10	NA	NA	2	
YJZN68	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	19		
YLZNDQ	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			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

YQEN8W	PowerPlex® Fusion 5C, MiniFiler					
	12,15	23,25	10,14	16,17	12,13	NA
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	NA	7,9	8
	16	10	NA	NA	NA	
YRDTGH	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
YUACN4	GlobalFiler™, Investigator® 24plex					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
YXT8RW	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
Z26LN2	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	NT
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	NT	NT	14,15	7,9	8,8
	16,16	10	NT	NT	2	
Z3FH2T	PowerPlex® 21					
	12,15	23,25		16,17	12,13	11,12
4	8,9	11,14		21,21	12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16					
Z69DV7	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	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

ZA878V	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	9,10	17,18	18,19		
ZAM8JQ	Identifiler® Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8,8
	16,16					
ZAW6P3	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
ZCJNLU	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
ZD8Y4U	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
ZDQ9AU	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
ZFWQBB	PowerPlex® Fusion 6C (STRmix)					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	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

ZG3LNG	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
ZGN4Z4	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
ZHF97V	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
ZHKLXY	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
ZLMYYB	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
ZMT3A8	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
ZQR9Z8	Identifiler® Plus					
		23,25		16,17	12,13	
4	8,9	11,14			12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23				7,9	8,8
	16,16					

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

ZT298Y	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8
	16	10	18	19		
ZTJDLR	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8
	16	10			2	
ZTWVFW	GlobalFiler™					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23			14,15	7,9	8,8
	16,16	10			2	
ZVY7NR	PowerPlex® PP21					
	12,15	23,25		16,17	12,13	11,12
4	8,9	11,14		21,21	12,14	9,13
	15,19	13,14	29,32.2		X,Y	11,12
	20,23	11,12	5,10		7,9	8,8
	16,16					
ZY9YA6	PowerPlex® Fusion 6C					
	12,15	23,25	10,14	16,17	12,13	
4	8,9	11,14	13,14	21,21	12,14	9,13
	15,19	13,14	29,32.2	15,17	X,Y	11,12
	20,23	11,12	5,10	14,15	7,9	8,8
	16,16	10	18	19		

YSTR Amplification Kit(s) & Results

TABLE 3

WebCode	Amplification Kit								
	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
Item 1 - YSTR Results									
24U6D7	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
24WVJN	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
26V2W2	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
2AEG9L	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
2D7P6M	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
2D7RR7	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
2EXBCE	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
2G8VH8	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
2U6C6F	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
2V6NRB	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
2V7BCU	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10

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

2WQ9J8	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
2XBUJ4	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
2ZUZQD	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
3ACZLM	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
3AK2N3	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
3BB86T	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
3BZLUC	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
3CMX2P	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
3FQNMX	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
3J49EQ	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
3R26BU	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10

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

3VFNBX	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
3VZJX	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
3WDET6									
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
3XTT6K	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
492NBP	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
4F82QZ	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
4JYE9P	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
4LNV8Q	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
4NKGP3	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
4QHNBT	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
6B2WFY	Yfiler™								
1	-	15	13,15	13	30	22	10	11	13
	14	11	11	21	-	15	16	-	-
	-	-	-	-	-	-	21	-	10

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

6DDPFT	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
6EMA4E	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
6ER7GD	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
6H9YL7	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
6JHKZT	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
6KEJ97	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
6MK3AM	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
6QCMAR	Yfiler™								
1	NA	15	13,15	13	30	22	10	11	13
	14	11	11	21	NA	15	16	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	10
6QYH2Z	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
788RNL	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
79AH7F	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10

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

79E7UR	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
7CWZHY	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
7E8BLB	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
7EWAD9	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
7MFCVW	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
7QCZEY	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
7VR2G4	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
7WKCGR	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
7WQ6EK	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
876LFQ	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
87LBAP	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10

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

87VGCT	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
8ET3LZ	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
8F29VV	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
8FA246	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
8FXPRZ	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
8GQKE9	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
8RHV4V	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11	-	14	17	20	21	-	10
8VMDNB	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
93P9E3	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
9AL8M4	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
9BFV7Y	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10

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

9F2L2N	Yfiler™								
1	NA	15	13,15	13	30	22	10	11	13
	14	11	11	21	NA	15	16	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	10
9GZTGM	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
9KX8TQ	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
9NHYZ	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
9PUQC3	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
9Q6PCD	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
9QAHEC	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
9RER64	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
9T7XE3	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
9ZYNCY	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
A2KWVY	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10

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

A4EYZ9	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
AAD9LL	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
ABM4K7	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
ADHDGZ	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
AQGTF4	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
AWUWYW	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
AZPH2E	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
B2D6E3	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
B92PLN	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
B9XCUL	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
BB26LY	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10

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

BCB7FK	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
BJGLHF	Yfiler™ Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
BMUN6B	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
C2EJ3M	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
C4FEY4	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
C4GDTC	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
C68LQU	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
C84RVT	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
CA8N4B	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
CAA9YQ	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
CBMTUL	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10

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

CCJMQC	Yfiler™ YFP								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
CDHV7Z	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	10,3,11	21		15	16		
							21		10
CFBUFT	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
CFFVZ	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
CJDEXY	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
CMTXPF	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
CTHLDY	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
D6E7VW	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
D6WCXT	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
D7HNEE	Yfiler™								
1	N/T	15	13,15	13	30	22	10	11	13
	14	11	11	21	N/T	15	16	N/T	N/T
	N/T	N/T	N/T	N/T	N/T	N/T	21	N/T	10
D7KCUX	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10

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

DB2UXZ	Yfiler™								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	15	16	21	10
DHWTC3	Yfiler™								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	15	16	21	10
DKL73L	Yfiler™, PowerPlex® Y 23								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	15	16	21	23
		11	12	14	17	21	12	10	
DLEUR9	Yfiler™								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	15	16	21	10
DN8DLY	Yfiler™ Plus								
	1	38,39	15	13,15	13	30	22	10	11
		14	11	11	21	33	15	16	12
		37	11	14	17	20	21	10	
DTGVZP	Yfiler™ Plus								
	1	38,39	15	13,15	13	30	22	10	11
		14	11	11	21	33	15	16	12
		37	11	14	17	20	21	10	
DWR9F3	Yfiler™ Plus								
	1	38,39	15	13,15	13	30	22	10	11
		14	11	11	21	33	15	16	12
		37	11	14	17	20	21	10	
E2JTUH	PowerPlex® Y 23								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	15	16	21	23
		11	12	14	17	21	12	10	
E7EBEP	Yfiler™								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	15	16	21	10
EFNWND	Yfiler™ Plus								
	1	38,39	15	13,15	13	30	22	10	11
		14	11	11	21	33	15	16	12
		37	11	14	17	20	21	10	
EN6YW7	Yfiler™								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	15	16	21	10

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

EYUMAL	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
F3ZMKP	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
FBBGLR	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
FCNCN6	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
FGNHKN	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11	-	14	17	20	21	-	10
FMEUJQ	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
FNTDJF	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
G3AFUD	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
GABW3X	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
GDUXDC	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
GFFVEM	Yfiler™								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10

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

GPKMYB	Yfiler™ Direct								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
GPZ3BQ	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
GVCY8D	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
GVT6GC									
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
GW7AXR	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
HNTCA9	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
HPWZ2D	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
HV4A8L	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
HW3F2M	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
HYPY3K	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
HXXGGG	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10

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

HYYBZM	Yfiler™								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	15	16	21	10
J8YKQE	Yfiler™								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	15	16	21	10
JH3ZEX	PowerPlex® Y 23								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	15	16	21	23
		11	12	14	17	21	12	10	
JR3TJH	Yfiler™ Plus								
	1	38,39	15	13,15	13	30	22	10	11
		14	11	11	21	33	15	16	12
	37	11		14	17	20	21		10
JV23FD	Yfiler™								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	15	16	21	10
JV3Q4J	Yfiler™ Plus								
	1	38,39	15	13,15	13	30	22	10	11
		14	11	11	21	33	15	16	12
	37	11		14	17	20	21		10
JVGE6A	Yfiler™								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	15	16	21	10
JVQJG	Yfiler™								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	15	16	21	10
JZJ29Z	PowerPlex® Y 23								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	15	16	21	23
		11	12	14	17	21	12	10	
JZJK92	Yfiler™								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	15	16	21	10
K2MBNA	Yfiler™								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	15	16	21	10

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

K6NQR Yfiler™ Plus										
1	38,39	15	13,15	13	30	22	10	11	13	
	14	11	11	21	33	15	16	12	23	
	37	11		14	17	20	21		10	
K7CWB3 Yfiler™										
1	NA	15	13,15	13	30	22	10	11	13	
	14	11	11	21	NA	15	16	NA	NA	
	NA	NA	NA	NA	NA	NA	21	NA	10	
K7EH7J Yfiler™, Plus										
1	38,39	15	13,15	13	30	22	10	11	13	
	14	11	11	21	33	15	16	12	23	
	37	11		14	17	20	21		10	
K7NJG7 PowerPlex® Y 23										
1		15	13,15	13	30	22	10	11	13	
	14	11	11	21		15	16		23	
		11	12	14	17		21	12	10	
KCNAGM PowerPlex® Y 23										
1										
KCUEZ7 PowerPlex® Y 23										
1		15	13,15	13	30	22	10	11	13	
	14	11	11	21		15	16		23	
		11	12	14	17		21	12	10	
KEWYPK Yfiler™ Plus										
1	38,39	15	13,15	13	30	22	10	11	13	
	14	11	11	21	33	15	16	12	23	
	37	11		14	17	20	21		10	
KFJPLH Yfiler™										
1	-	15	13,15	13	30	22	10	11	13	
	14	11	11	21	-	15	16	-	-	
	-	-	-	-	-	-	21	-	10	
KG3JDK Yfiler™ Plus										
1	38,39	15	13,15	13	30	22	10	11	13	
	14	11	11	21	33	15	16	12	23	
	37	11		14	17	20	21		10	
KGKTJL Yfiler™ Plus										
1	38,39	15	13,15	13	30	22	10	11	13	
	14	11	11	21	33	15	16	12	23	
	37	11		14	17	20	21		10	
KHQU DL Yfiler™										
1		15	13,15	13	30	22	10	11	13	
	14	11	11	21		15	16			
							21		10	

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

KHTJK4	Yfiler™									
	1	NA	15	13,15	13	30	22	10	11	13
		14	11	11	21	NA	15	16	NA	NA
	NA	NA	NA	NA	NA	NA	NA	21	NA	10
KJNRRT	Yfiler™ Plus									
	1	38,39	15	13,15	13	30	22	10	11	13
		14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21			10
KR4UM4	Yfiler™									
	1		15	13,15	13	30	22	10	11	13
		14	11	11	21		15	16		
							21			10
KRZB6K	Yfiler™ Plus									
	1	38,39	15	13,15	13	30	22	10	11	13
		14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21			10
KWVDGD	Yfiler™ Plus									
	1	38,39	15	13,15	13	30	22	10	11	13
		14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21			10
L2WJ7A	Yfiler™									
	1		15	13,15	13	30	22	10	11	13
		14	11	11	21		15	16		
							21			10
L2YKXM	PowerPlex® Y 23									
	1		15	13,15	13	30	22	10	11	13
		14	11	11	21		15	16		23
		11	12	14	17		21	12		10
L4RRFJ	Yfiler™ Plus									
	1	38,39	15	13,15	13	30	22	10	11	13
		14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21			10
L8HL3D	Yfiler™ Plus									
	1	38,39	15	13,15	13	30	22	10	11	13
		14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21			10
L8QKHA	Yfiler™									
	1		15	13,15	13	30	22	10	11	13
		14	11	11	21		15	16		
							21			10
LHKY8K	PowerPlex® Y 23									
	1		15	13,15	13	30	22	10	11	13
		14	11	11	21		15	16		23
		11	12	14	17		21	12		10

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

LJYLJ8	Yfiler™								
1	-	15	13,15	13	30	22	10	11	13
	14	11	11	21	-	15	16	-	-
	-	-	-	-	-	-	21	-	10
LNBAJ	PowerPlex® Y Y23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
LNWMGG	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
LRE4C8	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
LRYBQH	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
LUJV82	Yfiler™								
1	NA	15	13,15	13	30	22	10	11	13
	14	11	11	21	NA	15	16	NA	NA
	NA	NA	NA	NA	NA	NA	21	NA	10
LULF4G	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
LVDCQP	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
LYEFHC	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
M7LHXA	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
M9JGFM	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10

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

MDW2KN	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
MN6G38	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
N47AMG	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
N699K3	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
NCFLTM	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
NE688V	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
NFV9AD	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
NG4FKT	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
NGLH22	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
NJULXX	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
NJVK6D	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10

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

NN2ABY	Yfiler™									
	1	15	13,15	13	30	22	10	11	13	
	14	11	11	21		15	16		10	
							21			
NP6KKP	PowerPlex® Y 23									
	1	15	13,15	13	30	22	10	11	13	
	14	11	11	21		15	16		23	
		11	12	14	17		21	12	10	
NPMMDJ	PowerPlex® Y 23									
	1	15	13,15	13	30	22	10	11	13	
	14	11	11	21		15	16		23	
		11	12	14	17		21	12	10	
NRRBWF	Yfiler™ Plus									
	1	38,39	15	13,15	13	30	22	10	11	13
	14		11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10	
NYB7JH	Yfiler™									
	1	15	13,15	13	30	22	10	11	13	
	14	11	11	21		15	16			
							21		10	
P4JR8E	Yfiler™ Plus									
	1	38,39	15	13,15	13	30	22	10	11	13
	14		11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10	
P9FBF6	Yfiler™									
	1	15	13,15	13	30	22	10	11	13	
	14	11	11	21		15	16			
							21		10	
PG64LA	Yfiler™ Plus									
	1	38,39	15	13,15	13	30	22	10	11	13
	14		11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10	
PGJZM3	Yfiler™ Plus									
	1	38,39	15	13,15	13	30	22	10	11	13
	14		11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10	
PJDEFR	Yfiler™									
	1	15	13,15	13	30	22	10	11	13	
	14	11	11	21		15	16			
							21		10	
PR3JA9	Yfiler™ Plus									
	1	38,39	15	13,15	13	30	22	10	11	13
	14		11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10	

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

PWREJQ	PowerPlex® Y 23									
	1		15	13,15	13	30	22	10	11	13
		14	11	11	21		15	16		23
			11	12	14	17		21	12	10
PXL3Z2	Yfiler™									
	1		15	13,15	13	30	22	10	11	13
		14	11	11	21		15	16		
								21		10
PYNGZG	PowerPlex® Y 23									
	1		15	13,15	13	30	22	10	11	13
		14	11	11	21		15	16		23
			11	12	14	17		21	12	10
Q3XYQW	Yfiler™									
	1		15	13,15	13	30	22	10	11	13
		14	11	11	21		15	16		
								21		10
Q76TQ8	Yfiler™ Plus									
	1	38,39	15	13,15	13	30	22	10	11	13
		14	11	11	21	33	15	16	12	23
		37	11		14	17	20	21		10
Q97DKE	Yfiler™ Plus									
	1	38,39	15	13,15	13	30	22	10	11	13
		14	11	11	21	33	15	16	12	23
		37	11		14	17	20	21		10
QBELRD	Yfiler™									
	1		15	13,15	13	30	22	10	11	13
		14	11	11	21		15	16		
								21		10
QE8NH7	Yfiler™									
	1	NA	15	13,15	13	30	22	10	11	13
		14	11	11	21	NA	15	16	NA	NA
		NA	NA	NA	NA	NA	NA	21	NA	10
QFMZ6H	PowerPlex® Y 23									
	1		15	13,15	13	30	22	10	11	13
		14	11	11	21		15	16		23
			11	12	14	17		21	12	10
QGTP2Y	PowerPlex® Y 23									
	1		15	13,15	13	30	22	10	11	13
		14	11	11	21		15	16		23
			11	12	14	17		21	12	10
QPUV8M	PowerPlex® Y Y23									
	1		15	13,15	13	30	22	10	11	13
		14	11	11	21		15	16		23
			11	12	14	17		21	12	10

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

QU8HZ8	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
QXGP9Y	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11	-	14	17	20	21	-	10
QZCEJ8	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
R3RBMN	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
R3ZYE4	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
R4BN9K	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
RHAW93	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
RHTAY7	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
RK2DY9	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
RZ22KA	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
RZ4WZY	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10

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

T6DC4V	Yfiler™								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	15	16	21	10
T6VJ7R	Yfiler™								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	15	16	21	10
TA6QLB	PowerPlex® Y 23								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	15	16	23	10
TBGE7B	Yfiler™								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	-	15	16	-
TKVDPD	PowerPlex® Y 23								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	15	16	23	10
TPH7VL	PowerPlex® Y 23								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	15	16	23	10
TTLNC3	Yfiler™								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	15	16	21	10
TW2FZA	Yfiler™								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	-	15	16	-
U7CEQJ	Yfiler™ Plus								
	1	38,39	15	13,15	13	30	22	10	11
		14	11	11	21	33	15	16	12
UK96GA	Yfiler™ Plus								
	1	38,39	15	13,15	13	30	22	10	11
		14	11	11	21	33	15	16	12
URRMAP	Yfiler™								
	1	15	13,15	13	30	22	10	11	13
		14	11	11	21	15	16	21	10

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

V83UJR	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
VBTYLP	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
VCYCZT	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
W3G2QJ	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
WBBZDY	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
WBT8HG	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
WEAGPT	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
WHDNAB	PowerPlex® Y Y23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
WKJ6PU	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
WN2T7F	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
WYE47Q	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10

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

WYGP37	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
WZCK9F	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
X3B7R7	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
X44YMN	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
X94767	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
XBMCFF	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
XE4MJR	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
XETLUD	PowerPlex® Y 23								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		23
		11	12	14	17		21	12	10
XMMYMK	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10
XMYPJH	Yfiler™ Plus								
1	38,39	15	13,15	13	30	22	10	11	13
	14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10
XQGMDZ	Yfiler™								
1		15	13,15	13	30	22	10	11	13
	14	11	11	21		15	16		
							21		10

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

XQZTDQ	Yfiler™ Plus									
	1	38,39	15	13,15	13	30	22	10	11	13
		14	11	11	21	33	15	16	12	23
		37	11		14	17	20	21		10
XTTDTV	Yfiler™ Plus									
	1	38,39	15	13,15	13	30	22	10	11	13
		14	11	11	21	33	15	16	12	23
		37	11		14	17	20	21		10
XUZQ2W	Yfiler™									
	1		15	13,15	13	30	22	10	11	13
		14	11	11	21		15	16		23
								21		10
Y2WX43	Yfiler™ Plus									
	1	38,39	15	13,15	13	30	22	10	11	13
		14	11	11	21	33	15	16	12	23
		37	11		14	17	20	21		10
YDHNAY	Yfiler™ Plus									
	1	38,39	15	13,15	13	30	22	10	11	13
		14	11	11	21	33	15	16	12	23
		37	11		14	17	20	21		10
YFHGPK	PowerPlex® Y 23									
	1		15	13,15	13	30	22	10	11	13
		14	11	11	21		15	16		23
			11	12	14	17		21	12	10
YLZNDQ	Yfiler™									
	1		15	13,15	13	30	22	10	11	13
		14	11	11	21		15	16		23
								21		10
YQEN8W	Yfiler™									
	1	NA	15	13,15	13	30	22	10	11	13
		14	11	11	21	NA	15	16	NA	NA
		NA	NA	NA	NA	NA	NA	21	NA	10
YRDTGH	Yfiler™									
	1		15	13,15	13	30	22	10	11	13
		14	11	11	21		15	16		23
								21		10
YXT8RW	Yfiler™ Plus									
	1	38,39	15	13,15	13	30	22	10	11	13
		14	11	11	21	33	15	16	12	23
		37	11		14	17	20	21		10
Z3FH2T	Yfiler™ Plus									
	1	38,39	15	13,15	13	30	22	10	11	13
		14	11	11	21	33	15	16	12	23
		37	11		14	17	20	21		10

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

ZA878V	Yfiler™									
	1	15	13,15	13	30	22	10	11	13	
		14	11	11	21	15	16	21	10	
ZAM8JQ	Yfiler™ Plus									
	1	38,39	15	13,15	13	30	22	10	11	13
		14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10	
ZD8Y4U	Yfiler™									
	1	15	13,15	13	30	22	10	11	13	
		14	11	11	21	15	16	21	10	
ZG3LNG	PowerPlex® Y 23									
	1	15	13,15	13	30	22	10	11	13	
		14	11	11	21	15	16	23		
		11	12	14	17	21	12	10		
ZGN4Z4	Yfiler™ Plus									
	1	38,39	15	13,15	13	30	22	10	11	13
		14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10	
ZHKLXY	Yfiler™ Plus									
	1	38,39	15	13,15	13	30	22	10	11	13
		14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10	
ZT298Y	PowerPlex® Y 23									
	1	15	13,15	13	30	22	10	11	13	
		14	11	11	21	15	16	23		
		11	12	14	17	21	12	10		
ZTJBMM	PowerPlex® Y 23									
	1	15	13,15	13	30	22	10	11	13	
		14	11	11	21	15	16	23		
		11	12	14	17	21	12	10		
ZVY7NR	Yfiler™ Plus									
	1	38,39	15	13,15	13	30	22	10	11	13
		14	11	11	21	33	15	16	12	23
	37	11		14	17	20	21		10	

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

2D7RR7	Yfiler™								
2	[Redacted]								

3VZJWX	Yfiler™								
2	[Redacted]								

4JYE9P	Yfiler™								
2	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-

87VGCT	PowerPlex® Y 23								
2	No results	No results	No results	No results	No results	No results	No results	No results	No results
	No results	No results	No results	No results	No results	No results	No results	No results	No results
	No results	No results	No results	No results	No results	No results	No results	No results	No results

8F29WV	PowerPlex® Y 23								
2	[Redacted]								

8RHV4V	Yfiler™ Plus								
2	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	-	NR	NR	NR	NR	-	NR

AZPH2E	Yfiler™ Plus								
2	[Redacted]								

BCB7FK	Yfiler™ Plus								
2	[Redacted]								

E2JTUH	PowerPlex® Y 23								
2	[Redacted]								

EYUMAL	PowerPlex® Y 23								
2	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-

GABW3X	Yfiler™								
2	no results	no results	no results	no results	no results	no results	no results	no results	no results
	no results	no results	no results	no results	no results	no results	no results	no results	no results
							no results		no results

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

HYXGGG	Yfiler™								
2	[REDACTED]								
K7EH7J	Yfiler™ Plus								
2	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
NFV9AD	Yfiler™								
2	[REDACTED]								
NJVK6D	Yfiler™								
2	[REDACTED]								
R4BN9K	Yfiler™ Plus								
2	[REDACTED]								
RZ22KA	PowerPlex® Y 23								
2	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
X44YMN	Yfiler™ Plus								
2	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
XE4MJR	Yfiler™ Plus								
2	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
XQZTDQ	Yfiler™ Plus								
2	--	-	--	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-

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

2D7P6M	Yfiler™ Plus								
3	[Redacted]								
4JYE9P	Yfiler™								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
8F29VV	PowerPlex® Y 23								
3	[Redacted]								
8RHV4V	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	-	NR	NR	NR	NR	-	NR
9KX8TQ	PowerPlex® Y 23								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
AZPH2E	Yfiler™ Plus								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
BCB7FK	Yfiler™ Plus								
3	[Redacted]								
E2JTUH	PowerPlex® Y 23								
3	[Redacted]								
EYUMAL	PowerPlex® Y 23								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
GABW3X	Yfiler™								
3	no results	no results	no results	no results	no results	no results	no results	no results	no results
	no results	no results	no results	no results	no results	no results	no results	no results	no results
							no results		no results
GPKMYB	Yfiler™ Plus								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-

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

HYGGG	Yfiler™								
3	[REDACTED]								
K7EH7J	Yfiler™ Plus								
3	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
RZ22KA	PowerPlex® Y 23								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
X3B7R7	Yfiler™ Plus								
3	---	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--
X44YMN	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
XE4MJR	Yfiler™ Plus								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
XQZTDQ	Yfiler™ Plus								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
ZAM8JQ	Yfiler™ Plus								
3	[REDACTED]								

TABLE 3

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

Item 4 - YSTR Results

24U6D7	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
24WVJN	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
26V2W2	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
2AEG9L	Yfiler™ Plus								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
2D7P6M	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
2D7RR7	Yfiler™ Plus								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
2EXBCE	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
2G8VH8	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
2U6C6F	Yfiler™ Plus								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
2V6NRB	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
2V7BCU	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11

TABLE 3

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

Item 4 - YSTR Results

2WQ9J8	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
2XBUJ4	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
2YPUM6	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
2ZUZQD	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
3ACZLM	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
3AK2N3	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
3BB86T	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
3BZLUC	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
3CMX2P	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
3FQNMX	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
3J49EQ	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11

TABLE 3

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

Item 4 - YSTR Results

3R26BU	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
3VFNBX	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
3WDET6	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
3XTT6K	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
492NBP	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
4F82QZ	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
4JYE9P	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
4LNV8Q	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
4NKGP3	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
4QHNBT	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
6B2WFY	Yfiler™								
4	-	14	11,14	13	30	24	10	13	13
	15	13	14	19	-	16	16	-	-
	-	-	-	-	-	-	23	-	11

TABLE 3

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

Item 4 - YSTR Results

6DDPFT	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
6EMA4E	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
6ER7GD	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
							23		11
6H9YL7	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
6JHKZT	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
6KEJ97	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
6MK3AM	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
6QCMAR	Yfiler™								
4	NA	14	11,14	13	30	24	10	13	13
	15	13	14	19	NA	16	16	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	11
6QYH2Z	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
788RNL	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
79AH7F	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
							23		11

TABLE 3

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

Item 4 - YSTR Results

79E7UR	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
7CWZHY	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
7E8BLB	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
7EWAD9	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
7MFCVW	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
7QCZEY	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
7VR2G4	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
7WKCGR	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
7WQ6EK	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
876LFQ	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
87LBAP	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11

TABLE 3

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

Item 4 - YSTR Results

8ET3LZ	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
8F29VV	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
8FA246	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
8FXPRZ	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
8GQKE9	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
8RHV4V	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13	-	18	19	22	23	-	11
8VMDNB	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
93P9E3	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
9AL8M4	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
9BFV7Y	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
9F2L2N	Yfiler™								
4	NA	14	11,14	13	30	24	10	13	13
	15	13	14	19	NA	16	16	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	11

TABLE 3

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

Item 4 - YSTR Results

9GZTGM	Yfiler™								
	4	14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		11
							23		
9KX8TQ	PowerPlex® Y 23								
	4	14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
9NHYZ	PowerPlex® Y 23								
	4	14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
9PUQC3	PowerPlex® Y 23								
	4	14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
9Q6PCD	Yfiler™								
	4	14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		11
							23		
9QAHEC	PowerPlex® Y 23								
	4	14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
9RER64	PowerPlex® Y 23								
	4	14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
9T7XE3	Yfiler™								
	4	14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		11
							23		
9ZYNCY	PowerPlex® Y 23								
	4	14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
A2KWVY	PowerPlex® Y 23								
	4	14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
A4EYZ9	Yfiler™								
	4	14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		11
							23		

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

AAD9LL	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
ABM4K7	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
ADHDGZ	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
AQGTF4	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
AWUWYW	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
AZPH2E	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
B2D6E3	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
B92PLN	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
B9XCUL	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
BB26LY	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
BCB7FK	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11

TABLE 3

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

Item 4 - YSTR Results

BJGLHF	Yfiler™ Yfiler™ Plus								
	4	36,37	14	11,14	13	30	24	10	13
		15	13	14	19	29	16	16	10
		37	13		18	19	22	23	11
BMUN6B	Yfiler™								
	4		14	11,14	13	30	24	10	13
		15	13	14	19		16	16	
							23		11
C2EJ3M	PowerPlex® Y 23								
	4		14	11,14	13	30	24	10	13
		15	13	14	19		16	16	22
			13	12	18	19	23	10	11
C4FEY4	Yfiler™ Plus								
	4	36,37	14	11,14	13	30	24	10	13
		15	13	14	19	29	16	16	10
		37	13		18	19	22	23	11
C4GDTC	Yfiler™								
	4		14	11,14	13	30	24	10	13
		15	13	14	19		16	16	
							23		11
C68LQU	PowerPlex® Y 23								
	4		14	11,14	13	30	24	10	13
		15	13	14	19		16	16	22
			13	12	18	19	23	10	11
C84RVT	Yfiler™								
	4		14	11,14	13	30	24	10	13
		15	13	14	19		16	16	
							23		11
CA8N4B	Yfiler™								
	4		14	11,14	13	30	24	10	13
		15	13	14	19		16	16	
							23		11
CAA9YQ	Yfiler™ Plus								
	4	36,37	14	11,14	13	30	24	10	13
		15	13	14	19	29	16	16	10
		37	13		18	19	22	23	11
CBMTUL	Yfiler™ Plus								
	4	36,37	14	11,14	13	30	24	10	13
		15	13	14	19	29	16	16	10
		37	13		18	19	22	23	11
CCJMQC	Yfiler™ YFP								
	4	36,37	14	11,14	13	30	24	10	13
		15	13	14	19	29	16	16	10
		37	13		18	19	22	23	11

TABLE 3

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

Item 4 - YSTR Results

CDHV7Z	Yfiler™									
	4	14	11,14	13	30	24	10	13	13	
	15	13	13,3,14	19		16	16		11	
							23			
CFBUFT	Yfiler™									
	4	14	11,14	13	30	24	10	13	13	
	15	13	14	19		16	16		11	
							23			
CFFVZ	PowerPlex® Y 23									
	4	14	11,14	13	30	24	10	13	13	
	15	13	14	19		16	16		22	
		13	12	18	19		23	10	11	
CJDEXY	PowerPlex® Y Y23									
	4	14	11,14	13	30	24	10	13	13	
	15	13	14	19		16	16		22	
		13	12	18	19		23	10	11	
CMTXPF	PowerPlex® Y 23									
	4	14	11,14	13	30	24	10	13	13	
	15	13	14	19		16	16		22	
		13	12	18	19		23	10	11	
CTHLDY	PowerPlex® Y Y23									
	4	14	11,14	13	30	24	10	13	13	
	15	13	14	19		16	16		22	
		13	12	18	19		23	10	11	
D6E7VW	PowerPlex® Y 23									
	4	14	11,14	13	30	24	10	13	13	
	15	13	14	19		16	16		22	
		13	12	18	19		23	10	11	
D6WCXT	Yfiler™									
	4	14	11,14	13	30	24	10	13	13	
	15	13	14	19		16	16		11	
							23			
D7HNEE	Yfiler™									
	4	N/T	14	11,14	13	30	24	10	13	13
	15	13	14	19	N/T	16	16	N/T	N/T	
	N/T	N/T	N/T	N/T	N/T	N/T	23	N/T	11	
D7KCUX	PowerPlex® Y 23									
	4	14	11,14	13	30	24	10	13	13	
	15	13	14	19		16	16		22	
		13	12	18	19		23	10	11	
DB2UXZ	Yfiler™									
	4	14	11,14	13	30	24	10	13	13	
	15	13	14	19		16	16		11	
							23			

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

DHWTC3	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
DKL73L	PowerPlex® Y Y23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
DLEUR9	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
DN8DLY	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
DTGVZP	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
DWR9F3	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
E2JTUH	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
E7EBEP	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
EFNWND	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
EN6YW7	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
EYUMAL	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11

TABLE 3

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

Item 4 - YSTR Results

F3ZMKP	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
FBBGLR	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
FCNCN6	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
FGNHKN	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13	-	18	19	22	23	-	11
FMEUJQ	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
FNTDJF	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
G3AFUD	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
GABW3X	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
GDUXDC	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
GFFVEM	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
GPKMYB	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11

TABLE 3

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

Item 4 - YSTR Results

GPZ3BQ	PowerPlex® Y 23								
4	14	11,14	13	30	24	10	13	13	
	15	13	14	19	16	16	22		
	13	12	18	19	23	10	11		
GVCY8D	Yfiler™								
4	14	11,14	13	30	24	10	13	13	
	15	13	14	19	16	16	22		
						23	11		
GVT6GC	Yfiler™								
4	14	11,14	13	30	24	10	13	13	
	15	13	14	19	16	16	22		
						23	11		
GW7AXR	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13	18	19	22	23	11		
HNTCA9	PowerPlex® Y 23								
4	14	11,14	13	30	24	10	13	13	
	15	13	14	19	16	16	22		
	13	12	18	19	23	10	11		
HPWZ2D	Yfiler™								
4	14	11,14	13	30	24	10	13	13	
	15	13	14	19	16	16	22		
						23	11		
HV4A8L	PowerPlex® Y 23								
4	14	11,14	13	30	24	10	13	13	
	15	13	14	19	16	16	22		
	13	12	18	19	23	10	11		
HW3F2M	Yfiler™								
4	14	11,14	13	30	24	10	13	13	
	15	13	14	19	16	16	22		
						23	11		
HYPY3K	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13	18	19	22	23	11		
HYGGG	Yfiler™								
4	14	11,14	13	30	24	10	13	13	
	15	13	14	19	16	16	22		
						23	11		
HYYBZM	Yfiler™								
4	14	11,14	13	30	24	10	13	13	
	15	13	14	19	16	16	22		
						23	11		

TABLE 3

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

Item 4 - YSTR Results

J8YKQE	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
JH3ZEX	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
JR3TJH	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
JV23FD	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
JV3Q4J	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
JVGE6A	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
JVQJG	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
JZJ29Z	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
JZJK92	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
K2MBNA	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
K6NQER	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11

TABLE 3

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

Item 4 - YSTR Results

K7CWB3	Yfiler™								
4	NA	14	11,14	13	30	24	10	13	13
	15	13	14	19	NA	16	16	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	11
K7EH7J	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
K7NJG7	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
KCNAGM	PowerPlex® Y 23								
4									
KCUEZ7	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
KEWYPK	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
KFJPLH	Yfiler™								
4	-	14	11,14	13	30	24	10	13	13
	15	13	14	19	-	16	16	-	-
	-	-	-	-	-	-	23	-	11
KG3JDK	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
KGKTJL	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
KHQUDL	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
KHTJK4	Yfiler™								
4	NA	14	11,14	13	30	24	10	13	13
	15	13	14	19	NA	16	16	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	11

TABLE 3

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

Item 4 - YSTR Results

KJNRRT	Yfiler™ Plus									
	4	36,37	14	11,14	13	30	24	10	13	13
		15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23			11
KR4UM4	Yfiler™									
	4		14	11,14	13	30	24	10	13	13
		15	13	14	19		16	16		
							23			11
KRZB6K	Yfiler™ Plus									
	4	36,37	14	11,14	13	30	24	10	13	13
		15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23			11
KWVDGD	Yfiler™ Plus									
	4	36,37	14	11,14	13	30	24	10	13	13
		15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23			11
L2WJ7A	Yfiler™									
	4		14	11,14	13	30	24	10	13	13
		15	13	14	19		16	16		
							23			11
L2YKXM	PowerPlex® Y 23									
	4		14	11,14	13	30	24	10	13	13
		15	13	14	19		16	16		22
		13	12	18	19		23	10		11
L4RRFJ	Yfiler™ Plus									
	4	36,37	14	11,14	13	30	24	10	13	13
		15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23			11
L8HL3D	Yfiler™ Plus									
	4	36,37	14	11,14	13	30	24	10	13	13
		15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23			11
L8QKHA	Yfiler™									
	4		14	11,14	13	30	24	10	13	13
		15	13	14	19		16	16		
							23			11
LHKY8K	PowerPlex® Y 23									
	4		14	11,14	13	30	24	10	13	13
		15	13	14	19		16	16		22
		13	12	18	19		23	10		11
LJYLJ8	Yfiler™									
	4	-	14	11,14	13	30	24	10	13	13
		15	13	14	19	-	16	16	-	-
	-	-	-	-	-	-	23	-	-	11

TABLE 3

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

Item 4 - YSTR Results

LKT6TL									
4	14	11,14	13	30	24	10	13	13	
	15	14	19	16	16				
						23			11
LNBAJ	PowerPlex® Y Y23								
4	14	11,14	13	30	24	10	13	13	
	15	14	19	16	16				22
		13	18	19	23	10			11
LNWMGG	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13	18	19	22	23			11
LRE4C8	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13	18	19	22	23			11
LRWLL	Yfiler™								
4	14	11,14	13	30	24	10	13	13	
	15	14	19	16	16				
						23			11
LRYBQH	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13	18	19	22	23			11
LUJV82	Yfiler™								
4	NA	14	11,14	13	30	24	10	13	13
	15	13	14	19	NA	16	16	NA	NA
	NA	NA	NA	NA	NA	NA	23	NA	11
LULF4G	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13	18	19	22	23			11
LVDCQP	Yfiler™								
4	14	11,14	13	30	24	10	13	13	
	15	14	19	16	16				
						23			11
LVVKEK	Yfiler™								
4	14	11,14	13	30	24	10	13	13	
	15	14	19	16	16				
						23			11
LYEFHC	Yfiler™								
4	14	11,14	13	30	24	10	13	13	
	15	14	19	16	16				
						23			11

TABLE 3

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

Item 4 - YSTR Results

M4ZRUK	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
M7LHXA	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
M9JGFM	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
MDW2KN	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
MN6G38	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
N47AMG	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
N699K3	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
NCFLTM	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
NE688V	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
NG4FKT	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
NGLH22	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11

TABLE 3

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

Item 4 - YSTR Results

NN2ABY	Yfiler™								
	4	14	11,14	13	30	24	10	13	13
	15	13	14	19	16	16	23	11	
NP6KKP	PowerPlex® Y 23								
	4	14	11,14	13	30	24	10	13	13
	15	13	14	19	16	16	22		
NPMMDJ	PowerPlex® Y 23								
	4	14	11,14	13	30	24	10	13	13
	15	13	14	19	16	16	22		
NRRBWF	Yfiler™ Plus								
	4	36,37	14	11,14	13	30	24	10	13
	15	13	14	19	29	16	16	10	22
P4JR8E	Yfiler™ Plus								
	4	36,37	14	11,14	13	30	24	10	13
	15	13	14	19	29	16	16	10	22
P9FBF6	Yfiler™								
	4	14	11,14	13	30	24	10	13	13
	15	13	14	19	16	16	23	11	
PG64LA	Yfiler™ Plus								
	4	36,37	14	11,14	13	30	24	10	13
	15	13	14	19	29	16	16	10	22
PGJZM3	Yfiler™ Plus								
	4	36,37	14	11,14	13	30	24	10	13
	15	13	14	19	29	16	16	10	22
PJDEFR	Yfiler™								
	4	14	11,14	13	30	24	10	13	13
	15	13	14	19	16	16	23	11	
PR3JA9	Yfiler™ Plus								
	4	36,37	14	11,14	13	30	24	10	13
	15	13	14	19	29	16	16	10	22
PWREJQ	PowerPlex® Y 23								
	4	14	11,14	13	30	24	10	13	13
	15	13	14	19	16	16	22		
		13	12	18	19	23	10	11	

TABLE 3

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

Item 4 - YSTR Results

PXL3Z2	Yfiler™									
	4	14	11,14	13	30	24	10	13	13	
	15	13	14	19	16	16	23	11		
PYNGZG	PowerPlex® Y 23									
	4	14	11,14	13	30	24	10	13	13	
	15	13	14	19	16	16	22			
Q3XYQW	Yfiler™									
	4	14	11,14	13	30	24	10	13	13	
	15	13	14	19	16	16	23	11		
Q76TQ8	Yfiler™ Plus									
	4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22	
Q97DKE	Yfiler™ Plus									
	4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22	
QBELRD	Yfiler™									
	4	14	11,14	13	30	24	10	13	13	
	15	13	14	19	16	16	23	11		
QE8NH7	Yfiler™									
	4	NA	14	11,14	13	30	24	10	13	13
	15	13	14	19	NA	16	16	NA	NA	
QFMZ6H	PowerPlex® Y 23									
	4	14	11,14	13	30	24	10	13	13	
	15	13	14	19	16	16	22			
QGTP2Y	PowerPlex® Y 23									
	4	14	11,14	13	30	24	10	13	13	
	15	13	14	19	16	16	22			
QPUV8M	PowerPlex® Y Y23									
	4	14	11,14	13	30	24	10	13	13	
	15	13	14	19	16	16	22			
QU8HZ8	Yfiler™									
	4	14	11,14	13	30	24	10	13	13	
	15	13	14	19	16	16	23	11		

TABLE 3

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

Item 4 - YSTR Results

QW62A	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
QXGP9Y	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13	-	18	19	22	23	-	11
QZCEJ8	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
R3RBMN	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
R3ZYE4	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
R4BN9K	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
RHAW93	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
RHTAY7	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
RK2DY9	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
RZ22KA	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
RZ4WZY	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11

TABLE 3

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

Item 4 - YSTR Results

T6DC4V	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
T6VJ7R	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
TA6QLB	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
TBGE7B	Yfiler™								
4	-	14	11,14	13	30	24	10	13	13
	15	13	14	19	-	16	16	-	-
	-	-	-	-	-	-	23	-	11
TH3A8E	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
TJ4E9N	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
TKVDPD	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
TPH7VL	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
TTLNC3	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
TW2FZA	Yfiler™								
4	-	14	11,14	13	30	24	10	13	13
	15	13	14	19	-	16	16	-	-
	-	-	-	-	-	-	23	-	11
U7CEQJ	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11

TABLE 3

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

Item 4 - YSTR Results

UK96GA	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
URRMAP	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
V83UJR	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
VCYCZT	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
VKHH9B	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
W3G2QJ	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
WBBZDY	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
WBT8HG	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
WEAGPT	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
WHDNAB	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
WKC3B	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11

TABLE 3

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

Item 4 - YSTR Results

WKJ6PU	PowerPlex® Y 23								
	4	14	11,14	13	30	24	10	13	13
	15	13	14	19	16	16	22		
	13	12	18	19		23	10	11	
WN2T7F	PowerPlex® Y Y23								
	4	14	11,14	13	30	24	10	13	13
	15	13	14	19	16	16	22		
	13	12	18	19		23	10	11	
WYE47Q	Yfiler™								
	4	14	11,14	13	30	24	10	13	13
	15	13	14	19	16	16	22		
						23		11	
WYGP37	Yfiler™ Plus								
	4	36,37	14	11,14	13	30	24	10	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
WZCK9F	PowerPlex® Y 23								
	4	14	11,14	13	30	24	10	13	13
	15	13	14	19	16	16	22		
	13	12	18	19		23	10	11	
X3B7R7	Yfiler™ Plus								
	4	36,37	14	11,14	13	30	24	10	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
X44YMN	Yfiler™ Plus								
	4	36,37	14	11,14	13	30	24	10	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
X94767	Yfiler™ Plus								
	4	36,37	14	11,14	13	30	24	10	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
XBMCCF	PowerPlex® Y 23								
	4	14	11,14	13	30	24	10	13	13
	15	13	14	19	16	16	22		
	13	12	18	19		23	10	11	
XE4MJR	Yfiler™ Plus								
	4	36,37	14	11,14	13	30	24	10	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
XETLUD	PowerPlex® Y 23								
	4	14	11,14	13	30	24	10	13	13
	15	13	14	19	16	16	22		
	13	12	18	19		23	10	11	

TABLE 3

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

Item 4 - YSTR Results

XMMYMK	Yfiler™									
	4	14	11,14	13	30	24	10	13	13	
	15	13	14	19	16	16	23	11		
XMPJH	Yfiler™ Plus									
	4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22	
37	13		18	19	22	23		11		
XQGMDZ	Yfiler™									
	4	14	11,14	13	30	24	10	13	13	
	15	13	14	19	16	16	23	11		
XQZTDQ	Yfiler™ Plus									
	4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22	
37	13		18	19	22	23		11		
XTDTV	Yfiler™ Plus									
	4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22	
37	13		18	19	22	23		11		
XUZQ2W	Yfiler™									
	4	14	11,14	13	30	24	10	13	13	
	15	13	14	19	16	16	23	11		
Y2WX43	Yfiler™ Plus									
	4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22	
37	13		18	19	22	23		11		
YDHNAY	Yfiler™ Plus									
	4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22	
37	13		18	19	22	23		11		
YFHGPK	PowerPlex® Y 23									
	4	14	11,14	13	30	24	10	13	13	
	15	13	14	19	16	16	22			
	13	12	18	19	23	10	11			
YLZNDQ	Yfiler™									
	4	14	11,14	13	30	24	10	13	13	
	15	13	14	19	16	16	23	11		
YQEN8W	Yfiler™									
	4	NA	14	11,14	13	30	24	10	13	13
	15	13	14	19	NA	16	16	NA	NA	
NA	NA	NA	NA	NA	NA	23	NA	11		

TABLE 3

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

Item 4 - YSTR Results

YRDTGH	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
YXT8RW	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
Z3FH2T	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
ZA878V	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
ZAM8JQ	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
ZD8Y4U	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
ZG3LNG	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11
ZGN4Z4	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
ZHKLXY	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11
ZQR9Z8	Yfiler™								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		
							23		11
ZT298Y	PowerPlex® Y 23								
4		14	11,14	13	30	24	10	13	13
	15	13	14	19		16	16		22
		13	12	18	19		23	10	11

TABLE 3

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

Item 4 - YSTR Results

ZVY7NR	Yfiler™ Plus								
4	36,37	14	11,14	13	30	24	10	13	13
	15	13	14	19	29	16	16	10	22
	37	13		18	19	22	23		11

Additional DNA Results

TABLE 4

Additional DNA results found to be concordant at a pre-existing locus are retained solely within the applicable tables. Non-concordant results and results for loci not found elsewhere will remain in this table.

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
F13A01	GFFVEM	5,6	3,2,11	3,2,11			5,16		
F13B	GFFVEM	7,8	9,10	9,10			8,10		
FESFPS	GFFVEM	8,11	10,11	10,11			10,11		
LPL	GFFVEM	9,10	10,11	10,11			11,12		
PENTA C	GFFVEM	12,12	9,11	9,11			11,12		
QS1	6DB3QT	Q	Q	Q			Q		
	7E8BLB	Q	Q	Q			Q		
	XNPVXM		Q						
	YDHNAY	Q	Q	Q					
QS2	6DB3QT	S	S	S			S		
	7E8BLB	S	S	S			S		
	XNPVXM		S						
	YDHNAY	S	S	S					

Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1

Polymorphisms from Reference Sequence

	16223.0	16278.0	16390.0
ITEM 1			
24WVJN	T	T	A
3VFNBX	T	T	
4QHNBT	T	T	
6QCMAR	T	T	A
7QCZEY	T	T	
9F2L2N	T	T	A
9KX8TQ	T	T	A
BCB7FK	T	T	A
BTEHAV	T	T	A
DFHDUU	T	T	A
GABW3X	T	T	A
GFFVEM	T	T	A
HLDVXN	T	T	A
HYXGGG	T	T	A
JV23FD	T	T	A
K7CWB3	T	T	A
KHTJK4	T	T	A
KYBR9L	T	T	A
LUJV82	T	T	A
P9LKPH	T	T	A
QE8NH7	T	T	A
QGTP2Y	T	T	A
QUXZKE	T	T	A
RB2URE	T	T	A
RFFEL8	T	T	A
RP69X4	T	T	A
RVMNFF	T	T	A
TAPEXD	T	T	A
URRMAP	T	T	A
W6MHUG	T	T	A
WGAJHB	T	T	A
WYE47Q	T	T	A
YLZNDQ	T	T	A
YQEN8W	T	T	A
YXT8RW	T	T	

TABLE 5a - ITEM 2

Polymorphisms from Reference Sequence

	16126.0	16294.0	16296.0	16304.0	16519.0
ITEM 2					
24VVJN	C	T	T	C	
3VFNBX	C	T	T	C	
6QCMAR	C	T	T	C	
7QCZEY	C	T	T	C	
9F2L2N	C	T	T	C	
9KX8TQ	C	T	T	C	C
BCB7FK	C	T	T	C	C
BTEHAV	C	T	T	C	C
DFHUUU	C	T	T	C	
GABW3X	C	T	T	C	
GFFVEM	C	T	T	C	
HLDVXN	C	T	T	C	C
HYXGGG	C	T	T	C	
JV23FD	C	T	T	C	
K7CWB3	C	T	T	C	
KHTJK4	C	T	T	C	
KYBR9L	C	T	T	C	C
LUJV82	C	T	T	C	
P9LKP	C	T	T	C	
QE8NH7	C	T	T	C	
QGTP2Y	C	T	T	C	
QUXZKE	C	T	T	C	C
RB2URE	C	T	T	C	C
RFFEL8	C	T	T	C	C
RP69X4	C	T	T	C	
RVMNFF	C	T	T	C	
TAPEXD	C	T	T	C	
URRMAP	C	T	T	C	
W6MHUG	C	T	T	C	
WGAJHB	C	T	T	C	C
WYE47Q	C	T	T	C	
YLZNDQ	C	T	T	C	
YQEN8W	C	T	T	C	
YXT8RW	C	T	T	C	

TABLE 5a - ITEM 3

Polymorphisms from Reference Sequence

	16126.0	16294.0	16296.0	16304.0	16519.0
ITEM 3					
24VVJN	C	T	T	C	
3VFNBX	C	T	T	C	
6QCMAR	C	T	T	C	
7QCZEY	C	T	T	C	
9F2L2N	C	T	T	C	
9KX8TQ	C	T	T	C	
BCB7FK	C	T	T	C	C
BTEHAV	C	T	T	C	
GABW3X	C	T	T	C	
GFFVEM	C	T	T	C	
HLDVXN	C	T	T	C	
HYXGGG	C	T	T	C	
JV23FD	C	T	T	C	
K7CWB3	C	T	T	C	
KHTJK4	C	T	T	C	
KYBR9L	C	T	T	C	
LUJV82	C	T	T	C	
QE8NH7	C	T	T	C	
QGTP2Y	C	T	T	C	
QUXZKE	C	T	T	C	C
RB2URE	C	T	T	C	
RFFEL8	C	T	T	C	
RP69X4	C	T	T	C	
TAPEXD	C	T	T	C	
URRMAP	C	T	T	C	
W6MHUG	C	T	T	C	
WGAJHB	C	T	T	C	
WYE47Q	C	T	T	C	
YLZNDQ	C	T	T	C	
YQEN8W	C	T	T	C	
YXT8RW	C	T	T	C	

TABLE 5a - ITEM 4
Polymorphisms from Reference Sequence

	16069.0	16126.0	16519.0
ITEM 4			
24VVJN	T	C	
3VFNBX	T	C	
6QCMAR	T	C	
7QCZEY	T	C	
9F2L2N	T	C	
9KX8TQ	T	C	
BCB7FK	T	C	C
BTEHAV	T	C	
GABW3X	T	C	
GFFVEM	T	C	
HLDVXN	T	C	
HYXGGG	T	C	
JV23FD	T	C	
K7CWB3	T	C	
KHTJK4	T	C	
KYBR9L	T	C	
LUJV82	T	C	
QE8NH7	T	C	
QGTP2Y	T	C	
QUXZKE	T	C	C
RB2URE	T	C	
RFFEL8	T	C	
RP69X4	T	C	
TAPEXD	T	C	
URRMAP	T	C	
W6MHUG	T	C	
WGAJHB	T	C	
WYE47Q	T	C	
YLZNDQ	T	C	
YQEN8W	T	C	
YXT8RW	T	C	

Mitochondrial DNA - HVRI Results

TABLE 5b

Bases Sequenced: HVR I

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
24WVJN	15998-16390	15998-16390	15998-16390	16014-16390
3VFNBX	16024-16365	16024-16365	16024-16365	16024-16365
4QHNBT	15939-16383			
6QCMAR	16015-16390	16015-16377	16001-16378	16001-16377
7QCZEY	16024-16365	16024-16365	16024-16365	16024-16365
9F2L2N	16022-16390	16020-16371	16001-16387	16001-16387
9KX8TQ	15998-16569	15998-16569	16001-16388	16001-16387
BCB7FK	15994-16569	15975-16569	15975-16569	15975-16569
BTEHAV	16024-16569	16024-16569	16024-16391	16024-16391
DFHUUU	15998-16400	15998-16400		
GABW3X	15994-16400	15994-16400	15994-16400	15994-16400
GFFVEM	16024-16401	16024-16401	16024-16401	16024-16401
HLDVXN	16024-16569	16024-16569	16024-16391	16024-16391
HYXGGG	16000-16418	16000-16418	16000-16418	16000-16418
JV23FD	16001-16390	16001-16387	16001-16387	16001-16387
K7CWB3	16020-16390	16015-16377	16001-16387	16005-16379
KHTJK4	16004-16390	16013-16377	16001-16382	16001-16387
KYBR9L	16024-16569	16024-16569	16024-16391	16024-16391
LUJV82	15998-16390	15998-16390	15998-16387	15998-16390
P9LKPH	15998-16400	15998-16400		
QE8NH7	16014-16390	16015-16377	16014-16387	16003-16387
QGTP2Y	16024-16356	16024-16356	16024-16356	16024-16356
QUXZKE	16024-16569	16024-16569	16024-16569	16024-16569
RB2URE	16024-16569	16024-16569	16024-16391	16024-16391
RFFEL8	15998-16569	15998-16569	15998-16390	16001-16388
RP69X4	16015-16390	16015-16377	16013-16377	16014-16377
RVMNFF	15998-16400	15998-16400		
TAPEXD	16024-16391	16024-16391	16024-16391	16024-16391
URRMAP	16000-16390	16000-16390	16000-16390	16000-16386
W6MHUG	15994-16400	15994-16400	15994-16400	15994-16400
WGAJHB	16024-16569	16024-16569	16024-16391	16024-16391
WYE47Q	15,998-16,390	15,998-16,390	15,998-16,390	16,001-16,390
YLZNDQ	15998-16390	15998-16390	15998-16390	15998-16390
YQEN8W	15999-16390	15998-16379	16001-16387	16001-16387
YXT8RW	16019-16374	16019-16374	16019-16374	16019-16374

Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

	73.0	93.0	146.0	150.0	152.0	182.0	195.0	198.0	263.0	315.0	315.1	325.0	513.0	523.0
ITEM 1														
24VVJN	G	G	C	T	C	T	C	T	G		C	T		
3VFNBX	G	G	C	T	C	T	C	T	G	1C		T		
4QHNBT	G	G	C	T	C	T	C	T	G		C	T		
6QCMAR	G	G	C	T	C	T	C	T	G		C	T		
7QCZEY	G	G	C	T	C	T	C	T	G		C	T		
9F2L2N	G	G	C	T	C	T	C	T	G		C	T		
9KX8TQ	G	G	C	T	C	T	C	T	G	.1C		T	A	D
BCB7FK	G	G	C	T	C	T	C	T	G		C	T		
BTEHAV	G	G	C	T	C	T	C	T	G		C INS	T	A	-
DFHUU	G	G	C	T	C	T	C	T	G		C	T		
GABW3X	G	G	C	T	C	T	C	T	G		C	T		
GFFVEM	G	G	C	T	C	T	C	T	G		C	T		
HLDVXN	G	G	C	T	C	T	C	T	G		C INS	T	A	A DEL
HYXGGG	G	G	C	T	C	T	C	T	G		C	T		
JV23FD	G	G	C	T	C	T	C	T	G		C	T		
K7CWB3	G	G	C	T	C	T	C	T	G		C	T		
KHTJK4	G	G	C	T	C	T	C	T	G		C	T		
KYBR9L	G	G	C	T	C	T	C	T	G	C INS		T	A	DEL
LUJV82	G	G	C	T	C	T	C	T	G		C	T		
P9LKP	G	G	C	T	C	T	C	T	G		C	T		
QE8NH7	G	G	C	T	C	T	C	T	G		C	T		
QGTP2Y	G	G	C	T	C	T	C	T	G		C	T		
QUXZKE	G	G	C	T	C	T	C	T	G		C INS	T	A	A DEL
RB2URE	G	G	C	T	C	T	C	T	G		C INS	T	A	A DEL
RFFEL8	G	G	C	T	C	T	C	T	G		C	T	A	D
RP69X4	G	G	C	T	C	T	C	T	G		C	T		
RVMNFF	G	G	C	T	C	T	C	T	G		C	T		
TAPEXD	G	G	C	T	C	T	C	T	G		C INS	T		
URRMAP	G	G	C	T	C	T	C	T	G		C	T		
W6MHUG	G	G	C	T	C	T	C	T	G		C	T		
WGAJHB	G	G	C	T	C	T	C	T	G		C INS	T	A	DEL
WYE47Q	G	G	C	T	C	T	C	T	G		C	T		
YLZNDQ	G	G	C	T	C	T	C	T	G		C INS	T		
YQEN8W	G	G	C	T	C	T	C	T	G		C	T		
YXT8RW	G	G	C	T	C	T	C	T	G		C	T		

TABLE 6a - ITEM 2

Polymorphisms from Reference Sequence

	73.0	263.0	315.0	315.1
ITEM 2				
24WVJN	G	G		C
3VFNBX	G	G	1C	
6QCMAR	G	G		C
7QCZEY	G	G		C
9F2L2N	G	G		C
9KX8TQ	G	G	.1C	
BCB7FK	G	G		C
BTEHAV	G	G		C INS
DFHDUU	G	G		C
GABW3X	G	G		C
GFFVEM	G	G		C
HLDVXN	G	G		C INS
HYGGGG	G	G		C
JV23FD	G	G		C
K7CWB3	G	G		C
KHTJK4	G	G		C
KYBR9L	G	G	C INS	
LUJV82	G	G		C
P9LKPH	G	G		C
QE8NH7	G	G		C
QGTP2Y	G	G		C
QUXZKE	G	G		C INS
RB2URE	G	G		C INS
RFFEL8	G	G		C
RP69X4	G	G		C
RVMNFF	G	G		C
TAPEXD	G	G		C INS
URRMAP	G	G		C
W6MHUG	G	G		C
WGAJHB	G	G		C INS
WYE47Q	G	G		C
YLZNDQ	G	G		C INS
YQEN8W	G	G		C
YXT8RW	G	G		C

TABLE 6a - ITEM 3

Polymorphisms from Reference Sequence

	73.0	263.0	315.0	315.1
ITEM 3				
24WVJN	G	G		C
3VFNBX	G	G	1C	
6QCMAR	G	G		C
7QCZEY	G	G		C
9F2L2N	G	G		C
9KX8TQ	G	G	.1C	
BCB7FK	G	G		C
BTEHAV	G	G		C INS
GABW3X	G	G		C
GFFVEM	G	G		C
HLDVXN	G	G		C INS
HYGGG	G	G		C
JV23FD	G	G		C
K7CWB3	G	G		C
KHTJK4	G	G		C
KYBR9L	G	G	C INS	
LUJV82	G	G		C
QE8NH7	G	G		C
QGTP2Y	G	G		C
QUXZKE	G	G		C INS
RB2URE	G	G		C INS
RFFEL8	G	G		C
RP69X4	G	G		C
TAPEXD	G	G		C INS
URRMAP	G	G		C
W6MHUG	G	G		C
WGAJHB	G	G		C INS
WYE47Q	G	G		C
YLZNDQ	G	G		C INS
YQEN8W	G	G		C
YXT8RW	G	G		C

TABLE 6a - ITEM 4

Polymorphisms from Reference Sequence

	73.0	185.0	188.0	228.0	263.0	295.0	315.0	315.1	462.0	489.0
ITEM 4										
24WVJN	G	A	G	A	G	T		C		
3VFNBX	G	A	G	A	G	T	1C			
6QCMAR	G	A	G	A	G	T		C		
7QCZEY	G	A	G	A	G	T		C		
9F2L2N	G	A	G	A	G	T		C		
9KX8TQ	G	A	G	A	G	T	.1C			
BCB7FK	G	A	G	A	G	T		C		
BTEHAV	G	A	G	A	G	T		C INS		
GABW3X	G	A	G	A	G	T		C		
GFFVEM	G	A	G	A	G	T		C		
HLDVXN	G	A	G	A	G	T		C INS		
HYXGGG	G	A	G	A	G	T		C		
JV23FD	G	A	G	A	G	T		C		
K7CWB3	G	A	G	A	G	T		C		
KHTJK4	G	A	G	A	G	T		C		
KYBR9L	G	A	G	A	G	T	C INS		T	
LUJV82	G	A	G	A	G	T		C		
QE8NH7	G	A	G	A	G	T		C		
QGTP2Y	G	A	G	A	G	T		C		
QUXZKE	G	A	G	A	G	T		C INS	T	C
RB2URE	G	A	G	A	G	T		C INS		
RFFEL8	G	A	G	A	G	T		C		
RP69X4	G	A	G	A	G	T		C		
TAPEXD	G	A	G	A	G	T		C INS		
URRMAP	G	A	G	A	G	T		C		
W6MHUG	G	A	G	A	G	T		C		
WGAJHB	G	A	G	A	G	T		C INS	T	
WYE47Q	G	A	G	A	G	T		C		
YLZNDQ	G	A	G	A	G	T		C INS		
YQEN8W	G	A	G	A	G	T		C		
YXT8RW	G	A	G	A	G	T		C		

Mitochondrial DNA - HVRII Results

TABLE 6b

Bases Sequenced: HVR II

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
24WVJN	49-407	49-407	49-407	49-407
3VFNBX	73-340	73-340	73-340	73-340
4QHNBT	51-400			
6QCMAR	64-378	64-392	62-393	63-403
7QCZEY	73-340	73-340	73-340	73-340
9F2L2N	63-402	49-393	50-403	50-403
9KX8TQ	1-535	1-536	39-367	39-368
BCB7FK	58-390	58-390	58-390	61-390
BTEHAV	1-576	1-576	35-369	35-369
DFHUUU	30-407	30-407		
GABW3X	35-409	35-409	35-409	35-409
GFFVEM	72-365	72-365	72-365	72-365
HLDVXN	1-576	1-576	35-369	35-369
HYXGGG	20-420	20-420	20-420	20-420
JV23FD	50-403	50-404	50-403	50-403
K7CWB3	50-393	64-392	51-403	50-403
KHTJK4	63-393	50-394	50-403	50-403
KYBR9L	1-576	1-576	35-464	35-464
LUJV82	50-407	50-407	50-407	50-407
P9LKPH	30-407	30-407		
QE8NH7	71-393	71-393	63-401	64-401
QGTP2Y	73-340	73-340	73-340	73-340
QUXZKE	1-576	1-576	1-576	1-576
RB2URE	1-576	1-576	35-369	35-369
RFFEL8	1-536	1-536	35-369	39-367
RP69X4	64-393	61-407	63-393	63-393
RVMNFF	30-407	30-407		
TAPEXD	35-369	35-369	35-369	35-369
URRMAP	56-406	50-406	50-407	50-407
W6MHUG	34-409	35-409	35-409	35-409
WGAJHB	1-576	1-576	35-464	35-464
WYE47Q	49-407	49-407	49-407	49-407
YLZNDQ	49-407	49-407	49-403	49-407
YQEN8W	50-407	50-407	63-404	63-404
YXT8RW	61-385	61-385	61-385	61-385

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
22DA8Y	No	No	Yes	No	2Y4DBA	No	No	Yes	No
23384D	No Interpretations Reported, DNA Analyzed for Database purposes only.				2Y73HR	No	No	Yes	No
24U6D7	No	No	Yes	No	2YPUM6	No	No	Yes	No
24WVJN	No	No	Yes	No	2YXQH4	No	No	Yes	No
26D7FZ	No	No	Yes	No	2ZUZQD	No	No	Yes	No
26V2W2	No	No	Yes	No	39FMXU	No	No	Yes	No
2A2Q4N	No	No	Yes	No	3AABGQ	No	No	Yes	No
2AEG9L	No	No	Yes	No	3ACZLM	No	No	Yes	No
2D7P6M	No	No	Yes	No	3AK2N3	No	No	Yes	No
2D7RR7	No	No	Yes	No	3BB86T	No	No	Yes	No
2EXBCE	No	No	Yes	No	3BCKMZ	No	No	Yes	No
2FCRV8	No	No	Yes	No	3BZLUC	No	No	Yes	No
2G8VH8	No	No	Yes	No	3CMX2P	No	No	Yes	No
2KQH69	No	No	Yes	No	3D8WQF	No	No	Yes	No
2LJXAV	No	No	Yes	No	3DK3YX	No	No	Yes	No
2MDXEF	No	No	Yes	No	3FQNMX	No	No	Yes	No
2N6MQ2	No	No	Yes	No	3J49EQ	No	No	Yes	No
2N96QL	No	No	Yes	No	3M4HKL	No	No	Yes	No
2U6C6F	No	No	Yes	No	3N2W7J	No	No	Yes	No
2V6NRB	No	No	Yes	No	3R26BU	No	No	Yes	No
2V7BCU	No	No	Yes	No	3VFNBX	No	No	Yes	No
2WQ9J8	No	No	Yes	No	3VZJVX	No Interpretations Reported, DNA Analyzed for Database purposes only.			
2XBUJ4	No	No	Yes	No	3WC6GT	No	No	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
3WDET6	No	No	Yes	No	6B2WFY	No	No	Yes	No
3XTT6K	No	No	Yes	No	6BQGC6	No	No	Yes	No
3YH4XY	No	No	Yes	No	6DB3QT	No	No	Yes	No
44K78L	No	No	Yes	No	6DDPFT	No	No	Yes	No
492NBP	No	No	Yes	No	6EMA4E	No	No	Yes	No
494K9K	No	No	Yes	No	6ER7GD	No	No	Yes	No
49NMX4	No	No	Yes	No	6EV4CN	No	No	Yes	No
4BVL6V	No	No	Yes	No	6FYJ2Z	No	No	Yes	No
4C6CYR	No	No	Yes	No	6H9YL7	No	No	Yes	No
4F82QZ	No	No	Yes	No	6JHKZT	No	No	Yes	No
4FMQ6R	No	No	Yes	No	6JUEKV	No Interpretations Reported, DNA Analyzed for Database purposes only.			
4J8AUB	No	No	Yes	No	6KEDBK	No	No	Yes	No
4JYE9P	No	No	Yes	No	6KEJ97	No	No	Yes	No
4L44BY	No	No	Yes	No	6KHE7E	No	No	Yes	No
4LNV8Q	No	No	Yes	No	6MK3AM	No	No	Yes	No
4NBCJJ	No	No	Yes	No	6QCMAR	No Interpretations Reported, DNA Analyzed for Database purposes only.			
4NKGP3	No	No	Yes	No	6QYH2Z	No	No	Yes	No
4Q46UU	No	No	Yes	No	6RKZDL	No	No	Yes	No
4QHNBT	No	No	Yes	No	6VB3VL	No	No	Yes	No
4RU8MB	No	No	Yes	No	6WA8CF	No	No	Yes	No
4TBCDM	No	No	Yes	No	6XTBRZ	No	No	Yes	No
4Z7L8R	No	No	Yes	No	6Z8NK4	No	No	Yes	No
4ZCGAD	No	No	Yes	No	77KXEP	No	No	Yes	No
68PHW7	No	No	Yes	No	788RNL	No	No	Yes	No
69K2WL	No	No	Yes	No					

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
79AH7F	No	No	Yes	No	8GQKE9	No	No	Yes	No
79E7UR	No	No	Yes	No	8K9EXA	No	No	Yes	No
7AQEU9	No	No	Yes	No	8QUX9G	No	No	Yes	No
7CWZHY	No	No	Yes	No	8RHV4V	No	No	Yes	No
7E8BLB	No	No	Yes	No	8TX2U8	No	No	Yes	No
7EWAD9	No	No	Yes	No	8VMDNB	No	No	Yes	No
7GB2RP	No	No	Yes	No	8W996J	No	No	Yes	No
7MFCVW	No	No	Yes	No	8WEN7Q	No	No	Yes	No
7QCZEY	No	No	Yes	No	8ZGBD3	No	No	Yes	No
7QQLLF	No	No	Yes	No	924AQY	No	No	Yes	No
7R6TAH	No	No	Yes	No	92KJQQ	No	No	Yes	No
7TP2KD	No	No	Yes	No	92M6L8	No	No	Yes	No
7UAFN9	No	No	Yes	No	9397RT	No	No	Yes	No
7VR2G4	No	No	Yes	No	93P9E3	No	No	Yes	No
7WKCGR	No	No	Yes	No	94C6K9	No	No	Yes	No
7WQ6EK	No	No	Yes	No	9AL8M4	No	No	Yes	No
82QLRT	No Interpretations Reported, DNA Analyzed for Database purposes only.				9BFV7Y	No	No	Yes	No
876LFQ	No	No	Yes	No	9F2L2N	No	No	Yes	No
87LBAP	No	No	Yes	No	9FQJTW	No	No	Yes	No
87VGCT	No Interpretations Reported, DNA Analyzed for Database purposes only.				9GH3MM	No	No	Yes	No
8ET3LZ	No	No	Yes	No	9GZTGM	No	No	Yes	No
8F29VV	No	No	Yes	No	9KJ7EA	No	No	Yes	No
8FA246	No	No	Yes	No	9KX8TQ	No	No	Yes	No
8FXPRZ	No	No	Yes	No	9MUH9R	No	No	Yes	No
					9NHYZ	No	No	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
9PUQC3	No	No	Yes	No	AZ7GB7	No	No	Yes	No
9Q6PCD	No	No	Yes	No	AZPH2E	No	No	Yes	No
9QAHEC	No	No	Yes	No	B2D6E3	No	No	Yes	No
9R3E2L	No	No	Yes	No	B4QUM7	No	No	Yes	No
9RER64	No	No	Yes	No	B92PLN	No	No	Yes	No
9T7XE3	No	No	Yes	No	B93493	No	No	Yes	No
9U9RNE	No	No	Yes	No	B9XCUL	No	No	Yes	No
9WPPQ6	No	No	Yes	No	BB26LY	No	No	Yes	No
9WTFT7	No	No	Yes	No	BCB7FK	No	No	Yes	No
9ZYNCY	No	No	Yes	No	BDUANP	No	No	Yes	No
A2J7F4	No	No	Yes	No	BDV3KC	No	No	Yes	No
A2KWVY	No	No	Yes	No	BJD9NR	No	No	Yes	No
A4EYZ9	No	No	Yes	No	BJGLHF	No	No	Yes	No
A68UMG	No	No	Yes	No	BKZEQ6	No	No	Yes	No
A97X24	No	No	Yes	No	BL9CR7	No	No	Yes	No
AAD9LL	No	No	Yes	No	BMDE84	No Interpretations Reported, DNA Analyzed for Database purposes only.			
ABM4K7	No	No	Yes	No	BMUN6B	No	No	Yes	No
ACNH34	No	No	Yes	No	BN7DHV	No	No	Yes	No
ADHDGZ	No	No	Yes	No	BQYLZJ	No	No	Yes	No
AJLDYG	No	No	Yes	No	BRXWTZ	No	No	Yes	No
AKEK8F	No	No	Yes	No	BTEHAV	No	No	Yes	No
AQ4N9C	No	No	Yes	No	BYBBDC	No	No	Yes	No
AQGTF4	No	No	Yes	No	C2EJ3M	No	No	Yes	No
AWUWYW	No	No	Yes	No	C4FEY4	No	No	Yes	No
AXTVEP	No	No	Yes	No	C4GDTC	No	No	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
C68LQU	No	No	Yes	No	D4Y23P	No	No	Yes	No
C6FYT4	No	No	Yes	No	D6E7VW	No	No	Yes	No
C84RVT	No	No	Yes	No	D6WCXT	No	No	Yes	No
C9DZMZ	No	No	Yes	No	D7HNEE	No	No	Yes	No
CA8N4B	No	No	Yes	No	D7KCUX	No	No	Yes	No
CAA9YQ	No	No	Yes	No	DB2UXZ	No	No	Yes	No
CBMTUL	No	No	Yes	No	DBLYM7	No Interpretations Reported, DNA Analyzed for Database purposes only.			
CCJMQC	No	No	Yes	No	DEL67J	No	No	Yes	No
CDHV7Z	No	No	Yes	No	DFBCL9	No Interpretations Reported, DNA Analyzed for Database purposes only.			
CFBUFT	No	No	Yes	No	DHWTC3	No	No	Yes	No
CFFWVZ	No	No	Yes	No	DKL73L	No	No	Yes	No
CG7A4B	No	No	Yes	No	DKQEHZ	No	No	Yes	No
CHPGQY	No	No	Yes	No	DLEUR9	No	No	Yes	No
CJDEXY	No	No	Yes	No	DN8DLY	No	No	Yes	No
CJGHNA	No	No	Yes	No	DNMAYE	No	No	Yes	No
CMTXPF	No	No	Yes	No	DTGVZP	No	No	Yes	No
CN8FTL	No	No	Yes	No	DWR9F3	No	No	Yes	No
CNNKGC	No	No	Yes	No	E2HZ3P	No	No	Yes	No
CNW3UN	No	No	Yes	No	E2JTUH	No	No	Yes	No
CQ7ZBF	No	No	Yes	No	E7EBEP	No	No	Yes	No
CR9XDE	No	No	Yes	No	EEDFJX	No	No	Yes	No
CTHLDY	No	No	Yes	No	EETEHV	No	No	Yes	No
CWDD8P	No	No	Yes	No	EFNWND	No	No	Yes	No
CZF6P3	No Interpretations Reported, DNA Analyzed for Database purposes only.				EHWHLW	No	No	Yes	No
D3KBLM	No	No	Yes	No					

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
EHZ6Y4	No	No	Yes	No	FYZVET	No	No	Yes	No
EK6RC9	No	No	Yes	No	G2AVBH	No	No	Yes	No
EKNE96	No	No	Yes	No	G2M9WF	No	No	Yes	No
ELXJNE	No	No	Yes	No	G3AFUD	No	No	Yes	No
EMME8V	No	No	Yes	No	G3V4ZE	No	No	Yes	No
EMP4CT	No	No	Yes	No	G4Q4DX	No	No	Yes	No
EN6YW7	No	No	Yes	No	G7H3RW	No	No	Yes	No
ERYX6A	No	No	Yes	No	GABW3X	No	No	Yes	No
EYUMAL	No	No	Yes	No	GBQH47	No	No	Yes	No
F27R49	No	No	Yes	No	GDUXDC	No	No	Yes	No
F3ZMKP	No	No	Yes	No	GFFVEM	No	No	Yes	No
F6ZJMK	No	No	Yes	No	GL8TBQ	No	No	Yes	No
FAD9D9	No Interp	No Interp	No Interp	No Interp	GMMFDK	No	No	Yes	No
FBBGLR	No	No	Yes	No	GPKMYB	No	No	Yes	No
FCNCN6	No	No	Yes	No	GPZ3BQ	No	No	Yes	No
FDUR7P	No	No	Yes	No	GUJWEJ	No	No	Yes	No
FDYFTG	No	No	Yes	No	GVCY8D	No	No	Yes	No
FF2XRQ	No	No	Yes	No	GVT6GC	No	No	Yes	No
FGNHKN	No	No	Yes	No	GW7AXR	No	No	Yes	No
FJFHTK	No	No	Yes	No	GWTEWU	No	No	Yes	No
FMEUJQ	No	No	Yes	No	GYAKTP	No	No	Yes	No
FNTDJF	No	No	Yes	No	H6R2Z6	No	No	Yes	No
FQ7VQR	No	No	Yes	No	H77LMN	No	No	Yes	No
FQ9VZL	No	No	Yes	No	H8FTPG	No	No	Yes	No
FU6HTA	No	No	Yes	No	HBBGCP	No	No	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
HEZV7J	No	No	Yes	No	JR3TJH	No	No	Yes	No
HGCX83	No	No	Yes	No	JV23FD	No	No	Yes	No
HLDVXN	No	No	Yes	No	JV3Q4J	No	No	Yes	No
HMG7JK	No	No	Yes	No	JVGE6A	No	No	Yes	No
HNTCA9	No	No	Yes	No	JWQJG	No	No	Yes	No
HPWZ2D	No	No	Yes	No	JX4VG4	No	No	Yes	No
HTPZNU	No	No	Yes	No	JZJ29Z	No	No	Yes	No
HUY8P3	No	No	Yes	No	JZJK92	No	No	Yes	No
HV4A8L	No	No	Yes	No	K2MBNA	No	No	Yes	No
HW3F2M	No	No	Yes	No	K6NQER	No	No	Yes	No
HYPY3K	No	No	Yes	No	K7CWB3	No	No	Yes	No
HYXGGG	No	No	Yes	No	K7EH7J	No	No	Yes	No
HYBZM	No	No	Yes	No	K7NJG7	No	No	Yes	No
J2U7K3	No	No	Yes	No	K8A84K	No	No	Yes	No
J4P6DE	No	No	Yes	No	K8V4ZY	No	No	Yes	No
J7KFRF	No	No	Yes	No	K8VPEL	No	No	Yes	No
J8YKQE	No	No	Yes	No	K996XE	No	No	Yes	No
J94FQH	No	No	Yes	No	KCNAGM	No	No	Yes	No
JBjuHQ	No	No	Yes	No	KCUEZ7	No	No	Yes	No
JDNL4Q	No	No	Yes	No	KEWYPK	No	No	Yes	No
JH3ZEX	No	No	Yes	No	KFJPLH	No	No	Yes	No
JJUGMQ	No	No	Yes	No	KG3JDK	No	No	Yes	No
JKBGX9	No	No	Yes	No	KGKTJL	No	No	Yes	No
JMGUQ3	No	No	Yes	No	KHQUDL	No	No	Yes	No
JQKM3E	No	No	Yes	No	KHTJK4	No	No	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
KJNRRT	No	No	Yes	No	LRAN7T	No Interpretations Reported, DNA Analyzed for Database purposes only.			
KKJAVF	No	No	Yes	No	LRE4C8	No	No	Yes	No
KMMH6E	No	No	Yes	No	LRWLLL	No	No	Yes	No
KRDUM4	No	No	Yes	No	LRVBQH	No	No	Yes	No
KRZB6K	No	No	Yes	No	LUJV82	No	No	Yes	No
KWVDGD	No	No	Yes	No	LULF4G	No	No	Yes	No
KY7BVU	No	No	Yes	No	LVDCQP	No	No	Yes	No
KYBR9L	No	No	Yes	No	LWVKEK	No	No	Yes	No
L2WJ7A	No	No	Yes	No	LYEFHC	No	No	Yes	No
L2YKXM	No	No	Yes	No	LZ43JE	No	No	Yes	No
L4RRFJ	No	No	Yes	No	M3QQZY	No	No	Yes	No
L84ABZ	No	No	Yes	No	M4ZRUK	No	No	Yes	No
L8HL3D	No	No	Yes	No	M6E4Q4	No	No	Yes	No
L8QKHA	No	No	Yes	No	M77BNL	No	No	Yes	No
LBAEJG	No Interpretations Reported, DNA Analyzed for Database purposes only.				M7LHXA	No	No	Yes	No
LBUUNQ	No	No	Yes	No	M9GNJZ	No	No	Yes	No
LGG4Y4	No	No	Yes	No	M9JGFM	No	No	Yes	No
LHKY8K	No	No	Yes	No	M9L7L7	No	No	Yes	No
LJYLJ8	No	No	Yes	No	MABC3W	No	No	Yes	No
LKT6TL	No	No	Yes	No	MDW2KN	No	No	Yes	No
LLXP8V	No	No	Yes	No	MF3ECM	No	No	Yes	No
LN BAGJ	No	No	Yes	No	MGVFAY	No	No	Yes	No
LNWMGG	No	No	Yes	No	MLR24M	No	No	Yes	No
LPW7H4	No	No	Yes	No	MLTU2U	No	No	Yes	No
					MMKVY6	No	No	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
MN6G38	No	No	Yes	No	NPMMDJ	No	No	Yes	No
MRJ6BT	No	No	Yes	No	NRRBWF	No	No	Yes	No
MT6KAL	No	No	Yes	No	NVW7RW	No	No	Yes	No
MUXGG3	No	No	Yes	No	NW6JD6	No	No	Yes	No
MWMDA9	No	No	Yes	No	NXXC73	No	No	Yes	No
MWNZVT	No	No	Yes	No	NY8GJQ	No	No	Yes	No
MYNZC7	No	No	Yes	No	NYB7JH	No	No	Yes	No
N47AMG	No	No	Yes	No	P36FCV	No	No	Yes	No
N699K3	No	No	Yes	No	P4JR8E	No	No	Yes	No
N8J9MP	No	No	Yes	No	P7T7TM	No	No	Yes	No
N8PRWR	No	No	Yes	No	P9FBF6	No	No	Yes	No
NB6GWV	No Interpretations Reported, DNA Analyzed for Database purposes only.				P9RTUP	No	No	Yes	No
NCFLTM	No	No	Yes	No	PEXGXQ	No	No	Yes	No
ND73Q2	No	No	Yes	No	PG64LA	No	No	Yes	No
NE688V	No	No	Yes	No	PGJZM3	No	No	Yes	No
NFV9AD	No Interpretations Reported, DNA Analyzed for Database purposes only.				PJ8JVF	No	No	Yes	No
NG4FKT	No	No	Yes	No	PJDEFR	No	No	Yes	No
NGJTX4	No	No	Yes	No	PPW8AX	No	No	Yes	No
NGLH22	No	No	Yes	No	PR3JA9	No	No	Yes	No
NJULXX	No Interpretations Reported, DNA Analyzed for Database purposes only.				PV8PT7	No	No	Yes	No
NJVK6D	No Interpretations Reported, DNA Analyzed for Database purposes only.				PWREJQ	No	No	Yes	No
NN2ABY	No	No	Yes	No	PXL3Z2	No	No	Yes	No
NNYJ6G	No	No	Yes	No	PYM3Q8	No	No	Yes	No
NP6KKP	No	No	Yes	No	PYMRLB	No	No	Yes	No
					PYNGZG	No	No	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
Q2R6W3	No	No	Yes	No	R3ZYE4	No	No	Yes	No
Q3XYQW	No	No	Yes	No	R4BN9K	No	No	Yes	No
Q4MLRY	No	No	Yes	No	R678C8	No	No	Yes	No
Q4TL6L	No	No	Yes	No	R8PRXW	No	No	Yes	No
Q76TQ8	No	No	Yes	No	R8X2F3	No	No	Yes	No
Q97DKE	No	No	Yes	No	RB2URE	No	No	Yes	No
QBELRD	No	No	Yes	No	RBCXL6	No	No	Yes	No
QCRHD3	No	No	Yes	No	RFFEL8	No	No	Yes	No
QE8NH7	No Interpretations Reported, DNA Analyzed for Database purposes only.				RGK3UR	No	No	Yes	No
QFMZ6H	No	No	Yes	No	RHAW93	No	No	Yes	No
QGTP2Y	No	No	Yes	No	RHKUAD	No	No	Yes	No
QHV42E	No	No	Yes	No	RHTAY7	No	No	Yes	No
QKQ4J6	No	No	Yes	No	RK2DY9	No	No	Yes	No
QPUV8M	No	No	Yes	No	RP69X4	No	No	Yes	No
QTVBY6	No	No	Yes	No	RPRYHV	No	No	Yes	No
QTYEEW	No	No	Yes	No	RQGVH4	No	No	Yes	No
QU7QXJ	No	No	Yes	No	RVVK9R	No	No	Yes	No
QU8HZ8	No	No	Yes	No	RZ22KA	No	No	Yes	No
QUNMH7	No	No	Yes	No	RZ4WZY	No	No	Yes	No
QUXZKE	No	No	Yes	No	T22UCK	No	No	Yes	No
QW62A	No	No	Yes	No	T4KJ9C	No	No	Yes	No
QXGP9Y	No	No	Yes	No	T6DC4V	No	No	Yes	No
QZCEJ8	No	No	Yes	No	T6VJ7R	No	No	Yes	No
QZVAEF	No	No	Yes	No	T7MBAX	No	No	Yes	No
R3RBMN	No	No	Yes	No	T886CL	No	No	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
T9GWHG	No	No	Yes	No	UNRK42	No	No	Yes	No
TA6QLB	No	No	Yes	No	UPFKY7	No	No	Yes	No
TAPEXD	No	No	Yes	No	URRMAP	No	No	Yes	No
TBGE7B	No	No	Yes	No	V2W2PW	No	No	Yes	No
TH3A8E	No	No	Yes	No	V7JKDR	No	No	Yes	No
TJ4E9N	No	No	Yes	No	V83UJR	No	No	Yes	No
TKVDPD	No	No	Yes	No	VBTYLP	No Interpretations Reported, DNA Analyzed for Database purposes only.			
TPH7VL	No	No	Yes	No	VCYCZT	No	No	Yes	No
TRD3PT	No	No	Yes	No	VDPMT7	No	No	Yes	No
TTLNC3	No	No	Yes	No	VFXPNH	No	No	Yes	No
TUHQ6H	No	No	Yes	No	VG68KT	No	No	Yes	No
TVAQ3T	No	No	Yes	No	VJVDZJ	No	No	Yes	No
TW2FZA	No	No	Yes	No	VKHH9B	No	No	Yes	No
TW7GFH	No	No	Yes	No	VMX8ZA	No	No	Yes	No
TW9DL8	No	No	Yes	No	VN2DC4	No	No	Yes	No
TXGDVU	No	No	Yes	No	VP937Y	No	No	Yes	No
TY7ZWW	No	No	Yes	No	VPNDJK	No	No	Yes	No
U7CEQJ	No	No	Yes	No	VRNN78	No	No	Yes	No
U7EWWV	No	No	Yes	No	VWHGMG	No	No	Yes	No
U7GG4W	No	No	Yes	No	VYNMN4	No	No	Yes	No
UFFNYU	No	No	Yes	No	VZ48UD	No	No	Yes	No
UGG9A3	No	No	Yes	No	W3G2QJ	No	No	Yes	No
UHBWTX	No	No	Yes	No	W6MHUG	No	No	Yes	No
UHF3KU	No	No	Yes	No	WA66X8	No	No	Yes	No
UK96GA	No	No	Yes	No	WAJGR7	No	No	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
WAMFWU	No	No	Yes	No	XAV9TG	No Interpretations Reported, DNA Analyzed for Database purposes only.			
WBBZDY	No	No	Yes	No	XBMCCF	No	No	Yes	No
WBT8HG	No	No	Yes	No	XE4MJR	No	No	Yes	No
WCZME2	No	No	Yes	No	XETLUD	No	No	Yes	No
WEAGPT	No	No	Yes	No	XMMYMK	No	No	Yes	No
WGAJHB	No	No	Yes	No	XMYPJH	No	No	Yes	No
WHDNAB	No	No	Yes	No	XNPVXM	No Interpretations Reported, DNA Analyzed for Database purposes only.			
WKC3B	No	No	Yes	No	XPW3WG	No	No	Yes	No
WKJ6PU	No	No	Yes	No	XQGMDZ	No	No	Yes	No
WLP838	No	No	Yes	No	XQZTDQ	No	No	Yes	No
WN2T7F	No	No	Yes	No	XRUFRE	No	No	Yes	No
WPK686	No	No	Yes	No	XTTDTV	No	No	Yes	No
WQRZG6	No	No	Yes	No	XUN7BZ	No	No	Yes	No
WVXKEA	No	No	Yes	No	XUZQ2W	No	No	Yes	No
WWEBKD	No	No	Yes	No	XWCMK9	No	No	Yes	No
WYCEZ9	No	No	Yes	No	XZFRJT	No	No	Yes	No
WYE47Q	No	No	Yes	No	XZUKGC	No	No	Yes	No
WYGP37	No	No	Yes	No	Y2WX43	No	No	Yes	No
WZCK9F	No	No	Yes	No	Y4LWFL	No	No	Yes	No
X3B7R7	No	No	Yes	No	Y4NJ27	No	No	Yes	No
X3G4D3	No	No	Yes	No	Y7DQJG	No	No	Yes	No
X3YTEF	No	No	Yes	No	YAPDMF	No Interpretations Reported, DNA Analyzed for Database purposes only.			
X44YMN	No	No	Yes	No	YDBMZR	No	No	Yes	No
X7J844	No Interpretations Reported, DNA Analyzed for Database purposes only.				YDHNAY	No	No	Yes	No
X94767	No	No	Yes	No					

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
YFHGPK	No	No	Yes	No	ZT298Y	No	No	Yes	No
YHXYM3	No	No	Yes	No	ZTJBMM	No Interpretations Reported, DNA Analyzed for Database purposes only.			
YJZN68	No	No	Yes	No	ZTJDLR	No	No	Yes	No
YLZNDQ	No	No	Yes	No	ZTWVFW	No	No	Yes	No
YQEN8W	No	No	Yes	No	ZVY7NR	No	No	Yes	No
YRDTGH	No	No	Yes	No	ZY9YA6	No	No	Yes	No
YUACN4	No	No	Yes	No					
YXT8RW	No	No	Yes	No					
Z26LN2	No	No	Yes	No					
Z3FH2T	No	No	Yes	No					
Z69DV7	No	No	Yes	No					
ZA878V	No	No	Yes	No					
ZAM8JQ	No	No	Yes	No					
ZAW6P3	No	No	Yes	No					
ZCJNLU	No	No	Yes	No					
ZD8Y4U	No	No	Yes	No					
ZDQ9AU	No Interp	No Interp	No Interp	No Interp					
ZFWQBB	No	No	Yes	No					
ZG3LNG	No	No	Yes	No					
ZGN4Z4	No	No	Yes	No					
ZHF97V	No	No	Yes	No					
ZHKLXY	No	No	Yes	No					
ZLMYYB	No	No	Yes	No					
ZMT3A8	No	No	Yes	No					
ZQR9Z8	No	No	Yes	No					

DNA Interpretation**Response Summary****Participants reporting DNA results: 624**

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

	Victim (Item 1)		Suspect (Item 2)	
	<u>Item 3</u>	<u>Item 4</u>	<u>Item 3</u>	<u>Item 4</u>
Yes	0	0	596	0
No	596	596	0	596
Inc	0	0	0	0
No Interpretation	2	2	2	2
No Response	3	3	3	3

Participants analyzing DNA for database purposes only: 23

Additional Comments

TABLE 8

WebCode	Additional Comments
24U6D7	PSA testing was performed on items 3 and 4 to determine the extraction method.
2A2Q4N	^ indicates allele below stochastic threshold
2AEG9L	Reporting STRmix results with stutter filters on
2LJXAV	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.
2MDXEF	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. Male screening interpretation and report writing was covered in this proficiency test.
2N96QL	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles(s).
2WGBFG	Biology Screening only. The amylase diffusion test is a presumptive test for the presence of amylase, an enzyme found in body fluids including saliva.
2Y4DBA	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotyped 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).
2YXQH4	NR = no results
3AABGQ	NR= No DNA typing results
3ACZLM	NR indicates no result
3BB86T	Reporting STRmix results with stutter filters on
3F9J96	Genotype data was not entered for this proficiency because analyst is only qualified/authorized to process samples through differential extraction at this time. Additionally, this analyst is qualified to prepare non-differential samples for extraction using automated methods. The reference and questioned samples both were prepared in this manner for this proficiency.
3N2W7J	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.
3VFNBX	Specific antibody againsts human blood proteins tested on items 3 and 4 (positive results). Alternate Light Source tested on items 3 and 4 but this method isn't specific of semen and saliva.
3WC6GT	Reporting with stutter filters on
492NBP	The DYS391 location in the Fusion STR amplification kit is marked inconclusive (INC) per laboratory reporting protocol.
4BVL6V	NR = No Result

TABLE 8

WebCode	Additional Comments
4FMQ6R	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.
4JYE9P	Extraction: Item 1, Item 2, Item 3 and Item 4 were extracted using the Organic @ Phenol/Chloroform extraction method. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler™ Human DNA Quantification Kit on Applied Biosystems™ 7500 Real-Time PCR Systems. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using AmpFLSTR™ Identifiler™ Plus and Yfiler™ PCR Amplification Kits on Applied Biosystems™ GeneAmp™ PCR System 9700. Electrophoresis: Electrophoresis was carried out on Applied Biosystems™ 3500XL Genetic Analyzer and the data were analysed 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.
4LNV8Q	As per laboratory protocol DYS391 is deemed INC.
4M6X8C	Male screening interpretation was performed during this proficiency cycle.
4NBCJJ	Results reported with stutter filters on.
4NKG3	Part I [Table 1]: Screening tests were performed by forensic biologist. Parts II [Tables 2 & 3] & III [Table 7]: DNA analysis & interpretation were performed by DNA analyst. NR = No Results.
4Q46UU	The probabilistic genotyping software, STRimix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
4QHNBT	Based on the scenario case and the result that we have obtained we do not usually proceed with mitochondrial DNA analysis. Analyzing the mitochondrial DNA sequence for item 1 was done to show the length and the position of the fragment that we usually analyse when it is needed in the lab.
4TBCDM	NR = no result
4Z7L8R	Reporting with stutter filters on
68PHW7	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).
69K2WL	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).
6B2WFY	Extraction: Item 1 and Item 2 were extracted using in-situ method. Item 3 and Item 4 were 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 AmFISTR Identifiler Direct PCR Amplification Kit. Item 3 and Item 4 were amplified using AmFISTR Identifiler Plus PCR Amplification Kit. Y-STR amplification was carried out on Item 1 and Item 4 using AmFISTR Yfiler PCR Amplification Kit. All amplification processes were carried out on ABI GeneAmp PCR System 9700. Electrophoresis: Electrophoresis was carried out on Genetic Analyzer 3500xL for Item 1 and Item 2 (Identifiler Direct), Item 3 and Item 4 (Identifiler Plus). Electrophoresis for Y-Filer was carried out on Genetic Analyzer 3130xl for Item 1 and Item 4. Quality Control: Reagent blank, Positive Control and Negative Control were carried out through analysis and all gave intended results.

TABLE 8

WebCode	Additional Comments
6DB3QT	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
6EMA4E	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).
6FYJ2Z	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.
6KHE7E	Proficiency results are being submitted by [initials] for [name] as the DNA Technician. [Name] performed all DNA lab work for the proficiency test. [Initials] did data interpretation and entry of e-gram data into the portal.
6MK3AM	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 the samples. This sometimes results in true stutter peaks being reported as possible alleles.
6QCMAR	'NR/NE" MEANS NO RESULTS/NOT EXPECTED, NA= not applicable
6VB3VL	NR=no results
6WA8CF	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.
6XTBRZ	Reporting with stutter filters on.
79AH7F	DYS391 INC for Fusion results per laboratory policy.
7GB2RP	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.
7R6TAH	Reporting STRmix results with stutter filters on
7TP2KD	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).
7VJUPM	DNA analysis was not performed due to the fact that DNA services have been currently suspended at the [laboratory].
8FXPRZ	NR = No Results. Concordance @ DYS391 locus between Fusion 6C and Yfiler kits. DNA analyst performed KM screening only from Part 1 [Table 1]. A qualified forensic biologist performed all other screening tests noted.
8LEyla	Biology Screening Only. The amylase diffusion test is a presumptive test for the presence of amylase (an enzyme found in body fluids, including saliva).
8RHV4V	[From Table 3 - YSTR Results, Items 2, 3: "NR = No Results"]

TABLE 8

WebCode	Additional Comments
8W996J	NR = no result detected
924AQY	Items 3.0 and 4.0 were PSA tested to determine whether to extract samples differentially or non-differentially. Both items tested PSA negative and were extracted non-differentially. The serology testing is not part of this proficiency test.
93P9E3	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).
9BFV7Y	NR = NO RESULTS
9F2L2N	NR/NE = NO RESULT/NOT EXPECTED. NA = NOT AMPLIFIED
9FQJTW	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.
9KJ7EA	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).
9KX8TQ	NR - No Results. A serological evaluation was not performed as it is not necessary to determine the method of processing for mtDNA analysis.
9NHYZ	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.
9Q6PCD	DYS391 is reported as "INC" for all samples tested in fusion per laboratory policy.
9QAHEC	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 either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
A4EYZ9	For item 1: a 16 allele was detected at D1S1656 which was reproducible upon re-amplification. This allele was marked as inconclusive for being a possible tri-allele or extremely elevated stutter (falling into both an n-4 and n+1 position) or other artifact.
A68UMG	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).
AAD9LL	Powerplex Fusion and Yfiler amplification kits were used to test items 1 and 4, and the results were concordant at DYS391. However, per internal lab policy, DYS391 is reported as INC with the Powerplex Fusion kit.
AJLDYG	Use [Country] caucasian database for reporting stats (LRs).
AKEK8F	NR = No Results

TABLE 8

WebCode	Additional Comments
AQ4N9C	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).
AWUWYW	NR = No Results. Screening tests performed by Forensic Biology.
B4QUM7	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. Male screening was performed on items 3 and 4. Male screening interpretation, review, and report writing were covered in this proficiency test.
B93493	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).
BCB7FK	The blood of the victim's pants(Item 4) is the blood of an unidentified male. According to the victim testimony, it is estimated to be the blood of male suspects who escaped from the crime scene. If the DNA of the male suspect who escaped from the blood of the victim's pants(Item 4) is matched, it can be confirmed whether he is involved in the assault case.
BDV3KC	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping, peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles.
BMUN6B	For Powerplex Fusion results, DYS391 is reported as INC as per our laboratory policy. Any labeled peaks seen in Item 3 that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons.
BQYLZJ	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.
BRXWTZ	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).
C294YU	This CTS will be used for Serology only.
C84RVT	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.
CG7A4B	STRmix genotyping probabilistic 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.
CJGHNA	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
CNNKGC	Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modeling for plus and minus stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables.
CNW3UN	{ } = Imbalanced Alleles. NR = No Results. N/A = Not Applicable
CR9XDE	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).
CWDD8P	NR= No Results. { }= Imbalanced Alleles
D3KBLM	reporting results with stutter filters on
D6E7VW	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).
D6WCXT	KM was done by the DNA analyst KM and other serological tests done by Forensic biologist. NR = No Results.
D7HNEE	N/T = Not Tested. N/R = No Result
DB2UXZ	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.
DEL67J	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.
DFHDUU	No interpretation - Only known samples tested (per [CTS staff]). There are no evidentiary items for comparison at this time. [Laboratory] will retain the mitochondrial DNA profiles for CTS-F18-GJDK1 (Item 1) and CTS-F18-GJDK2 (Item 2) if at any point evidentiary samples should become available for comparison. Item 1 regions analyzed include HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. The only VR differences are 513A, 523delA and 524delC. Item 2 regions analyzed include HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. The only VR difference is 16519C. [CTS does not direct participants on testing. It is CTS policy to recommend that laboratories test samples and report results based on their standard operating procedures.]
DLEUR9	Male screening sample preparation and laboratory processing were performed by another analyst. Interpretation was performed by this analyst. 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.
DLGUJV	Only the Screening portion of this test is submitted for this individual.
DNMAYE	NR=No Result

TABLE 8

WebCode	Additional Comments
EHWHLW	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).
EHZ6Y4	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).
EK6RC9	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).
EKNE96	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles.
ELXJNE	In item 1 (victim reference), the elevated stutter peak 16 in D1S1656 could be a triallele.
EMP4CT	In item 1, at D1S1656, allele '16' was called. This call was reproduced on reinjection - no re-amplification was performed. This peak was determined to be an elevated stutter and not reported.
EN6YW7	Item 3 and Item 4 Acid Phosphatase (AP) testing was inconclusive due to blood like staining. NR = no result.
ERYX6A	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 alleles.
EYUMAL	The DNA profile from Item 3 is consistent with the DNA profile of Item 1. Item 1 cannot be excluded as the contributor of Item 3. The probability of selecting a random unrelated individual having a DNA profile identical to Item 1 at the loci observed is 1 in 7.37E+35 for African Americans, 1 in 5.65E+35 for Caucasian Americans, 1 in 5.00E+35 for Hispanic Americans, and 1 in 1.66E+38 for Asian Americans.
F27R49	DNA Interpretation proficiency. No screening/serology. E-grams provided to analyst - analyst issued report
FAD9D9	NR = No Results. Analyst participation in this proficiency is limited to screening and DNA analytical procedures. This data submission serves to demonstrate this analyst's proficiency in presumptive screening for the presence of blood, automated non-differential DNA extraction, automated Quantifiler Trio quantification, automated GlobalFiler PCR amplification, and automated 3500 capillary electrophoresis sample preparation.
FBBGLR	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.
FCNCN6	NR = no results. All screening tests performed by Forensic Biologist.
FDUR7P	reporting with stutter filters on
FJFHTK	reporting results with stutter filters on

TABLE 8

WebCode	Additional Comments
FMEUJQ	Item 1 was tested with PowerPlex Fusion and YFiler. Data was consistent at the overlapping locus. Item 4 was tested with PowerPlex Fusion and YFiler. Data was consistent at the overlapping locus. NR = No result
FNTDJF	Y-STR analysis was not performed on samples 2 and 3 because no male DNA was detected using Quantifiler Trio.
FQ7VQR	Item 1-4: Blood was presumptively detected. This test alone does not confirm the presence of blood.
FU6HTA	The answers in this CTS 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 were considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles.
G2M9WF	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Also when needed: Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
G3AFUD	For Fusion test results, DYS391 is reported as INC per lab policy.
G4Q4DX	Analysis of sexual assaults is not within the scope of the laboratory services. Therefore, no sexual assault screening tests or differential extractions were performed in the completion of this proficiency test. The [laboratory] does not provide an allele table in the report, therefore, this procedure is used only for reporting the results of proficiency tests. Probabilistic genotyping software was used to aid in the interpretation and statistical analysis of the DNA profiles generated. The results listed in the CTS report for the evidence samples reflect the possible alleles present that were given a weight of at least 99% of being a true allele. Therefore, some expected alleles may not be listed, particularly those that are in the stutter position. Genotypes are listed for reference samples, and 99% weighted alleles present are listed for evidence samples.
G7H3RW	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).
GMMFDK	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: semen and saliva testing.
GVT6GC	DYS391 is reported as INC for all samples tested 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.
GWTEWU	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles.
H6R2Z6	Reporting STRmix results with stutter filters on
H77LMN	reporting with stutter filters on
HNTCA9	Human blood detected on items 3 and 4 using the ABACard HemaTrace test.

TABLE 8

WebCode	Additional Comments
HPWZ2D	DYS391 is reported as INC per lab policy for the PowerPlex Fusion results for Item #1 and Item #4. PowerPlex fusion and Yfiler amplification kits were used to test Item 1 and Item #4 and the results were concordant at the <i>DYS391</i> locus. Any labeled peaks that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparisons.
HQTA3G	Serology Only
HTPZNU	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).
HUY8P3	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).
HV4A8L	Items 3 and 4 were P30/PSA tested in order to determine whether to cut the items as a Diff or Nondiff. They were cut as a non-differential due to the negative result for semen. For Item 4.0, INC was reported out for <i>D2S1338</i> due to possible allelic drop out.
HW3F2M	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 admitted that some stutter peaks can be recognized as true peaks.
HYYBZM	Identifiler Plus and MiniFiler were performed on Items 1-4. Results were concordant at all overlapping loci.
J2U7K3	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. Male screening sample preparation, laboratory processing, and interpretation were performed by this analyst.
JBJUHQ	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.
JDNL4Q	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).
JH3ZEX	Male screening was performed on item 3 and 4. Male screening interpretation, review, and report writing was covered in this proficiency test. 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.
JJUGMQ	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles.
JQKM3E	A foreign male DNA result was obtained from item 4 (possible DNA of the man who helped the suspect to assault the victim). i.e.: Request reference sample of any additional suspects when available.
JVGE6A	As per laboratory protocol <i>DYS391</i> is deemed INC.
JX4VG4	Reporting STRmix results with stutter filters on

TABLE 8

WebCode	Additional Comments
JZJ29Z	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.
JZJK92	NR = No Results.
K2MBNA	Any labeled peaks seen in samples stain from victim's shirt (Item 3) and stain from victim's pants (Item 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.
K7CW3	NR/NE = No Result / Not Expected. NA = Not Applicable
K8A84K	A PSA test was performed on items 3 and 4 to determine whether to extract the samples as differentials. However, this PSA test is not being used for serological proficiency purposes and was not reported in "Part I [Table 1]: Screening Tests".
K8V4ZY	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).
K996XE	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
KCNAGM	PowerPlex Y23 sample processing was conducted on the following items: Item 4 and Item 1. Y-STR analysis and interpretation was not conducted.
KFJPLH	Extraction; Item 1 and Item 2 extracted using in-situ method. Item 3 and Item 4 extracted using DNA IQ Kit via Tecan Freedom Evo 150. Quantification: Item 3 and Item 4 quantified using ABI Quantifiler Human DNA Quantification Kit on ABI QuantStudio 5 Real-Time PCR System. Amplification; Item 1 and Item 2 amplified using AmpFLSTR Identifiler Direct PCR Amplification Kit. Item 3 and Item 4 amplified using AmpFLSTR Identifiler Plus PCR Amplification Kit. Item 1 and Item 4 were further amplified using AmpFLSTR Yfiler PCR Amplification Kit. All the amplification process carried out on ABI GeneAmp PCR System 9700. Electrophoresis; Electrophoresis carried out on ABI 3500xL Genetic Analyzer for Item 1 and Item 2 (Identifiler Direct Kit). Electrophoresis were carried out on ABI 3130xL Genetic Analyzer for Item 3 and Item 4 (Identifiler Plus Kit) and Item 1 and Item 4 (Y-Filer Kit). Quality Control; Reagent Blank, Positive Control and Negative Control were carried out through analysis and all gave expected results.
KHTJK4	NE/NR = not expected/no results. NA = not applicable
KHUBPQ	Male screening was performed on items 3 and 4 using the Plexor HY quantification kit. Information from the analysis was used to determine the presence of male DNA on items 3 and 4. Item 3 has no male DNA. Item 4 has male DNA.
KKJAVF	NR = No Result
L2WJ7A	1) In-situ extraction method was used to extract DNA from Item 1 and Item 2. 2) Chelex extraction method was used to extract DNA from Item 3 and Item 4. 3) DNA quantitation was carried out using the Quantifiler Human DNA Quantification Kit with Applied Biosystems Real Time Polymerase Chain Reaction (PCR) 7500 System. 4) Amplification of STR (Short Tandem Repeat) Genetic Loci was carried out using the AmpFISTR Identifiler Plus and Direct PCR Amplification Kit. 5) Amplification of Y-STR (Short Tandem Repeat) Genetic Loci was carried out using the AmpFISTR Y-Filer PCR Amplification Kit. 6) Capillary electrophoresis was carried out using the Applied Biosystems 3500xl Genetic Analyzer with GeneMapper IDX Software. 7) Reagent blank, positive control and negative control were carried out throughout the analysis.

TABLE 8

WebCode	Additional Comments
LHKY8K	"INC" on the test results mean the locus was deemed inconclusive due to contributor dropout. The profiles for item 3 and 4 showed indications of degradation.
LJYLJ8	Item 3 and Item 4 were extracted using Chelex extraction method. There were differential amplifications occurred for Item 3. The loci CSF1PO, D13S317 & D18S51 were found had their alleles less preferentially amplified compared to the other loci.
LNBAGJ	Serology PSA testing was performed to determine if samples were to be extracted as differential or non-differential. This testing produced a negative result for items 3 and 4. Therefore, the items were extracted as non-differential.
LPW7H4	Item 3: elevated stutter (19) observed at D22S1045. Item 4: elevated stutter (14) observed at D5S818
LUJV82	NR/NE means no result, not expected
LZ43JE	{ } = imbalanced alleles
M3QQZY	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. Male screening sample preparation, laboratory processing, and interpretation were performed by this analyst.
M6E4Q4	^ indicates peaks below stochastic threshold per [laboratory] policy
M8N6RU	Biological screening only. Amylase diffusion is a presumptive test for amylase, an enzyme found in biological fluids, including saliva.
M9GNJZ	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).
M9JGFM	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 the samples. This sometimes results in true stutter peaks being reported as possible allele(s).
MABC3W	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).
MGVFAY	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).
MLR24M	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).
MMKVY6	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
MN6G38	1. In-situ extraction method was used to extract DNA from Item 1 and Item 2. 2. Chelex extraction method was used to extract DNA from Item 3 and Item 4. 3. DNA quantification was carried out using Quantifiler Human DNA Quantification Kit with Applied Biosystems Real Time Polymerase Chain Reaction (PCR) 7500 System. 4. Amplification of STR (Short Tandem Repeat) Genetic Loci was carried out using the AmpFISTR Identifiler Direct and Plus PCR Amplification Kit. 5. Amplification of Y-STR (Short Tandem Repeat) Genetic Loci was carried out using AmpFISTR Y-filer PCR Amplification Kit. 6. Capillary electrophoresis was carried out using the Applied Biosystems 3500xL Genetic Analyzer with GeneMapper ID-X Software. 7. Reagent blank, positive control and negative control were carried out throughout the analysis and all gave the intended results.
MUXGG3	NR = No Results
MWNZVT	NR = No result
MYNZC7	NR= No results
N47AMG	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. Minifiler results concordant with Investigator 24plex results.
N8PRWR	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.
ND73Q2	NR = No results
NE688V	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.
NGJTX4	NR= No Results
NPMMDJ	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.
NVW7RW	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles.
NXXC73	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
NY8GJQ	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.
P7T7TM	The following exhibit was inconclusive for the presence of amylase due to the red color of the supernatant: 4.
P9LKPH	No interpretation - Only known samples tested (per [CTS staff]). There are no evidentiary items for comparison at this time. [Laboratory] will retain the mitochondrial DNA profiles for CTS-F18-JLCK1 (Item 1) and CTS-F18-JLCK2 (Item 2) if at any point evidentiary samples should become available for comparison. Item 1 regions analyzed include HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. The only VR differences are 513A, 523delA and 524delC. Item 2 regions analyzed include HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. The only VR difference is 16519C. [CTS does not direct participants on testing. It is CTS policy to recommend that laboratories test samples and report results based on their standard operating procedures.]
PGJZM3	The Victim and the Suspect could not be a contributor to Item4.
PJDEFR	Item 1 locus D1S1656 had a peak detected in the "16" position that was considered inconclusive due to a possible genetic anomaly/elevated stutter.
PV8PT7	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Also when needed: Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
Q2R6W3	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Also when needed: Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.
Q3XYQW	Per laboratory policy, results at DYS391 tested under PowerPlex Fusion are not interpreted. Therefore, they will be marked as inconclusive (INC).
Q4MLRY	NR=no results
Q4TL6L	Reporting results with stutter filters on.
QBELRD	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.
QCRHD3	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
QE8NH7	NR/NE means no results/not expected. NA means not applicable.
QKQ4J6	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.
QTVBY6	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.
QTYEEW	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.
QZVAEF	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. Screening results were not entered for this proficiency because this analyst is not qualified/authorized to screen samples at this time.
R678C8	NR= No Result
R8PRXW	Reporting STRmix results with stutter filters on
RFFEL8	Items 1 and 2 were processed for STR database purposes only. Items 3 and 4 were not processed for STR analysis. Items 1,2,3 and 4 were processed for mtDNA analysis.
RGK3UR	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).
RHAW93	DYS391 is reported as INC per lab policy.
RP69X4	NA = Not Amplified. NR/NE = No Result/Not Expected
RQGVH4	Reporting with stutter filters on
RVMNFF	No interpretation - only known samples tested (per [CTS staff]). There are no evidentiary items for comparison at this time. [Laboratory] will retain the mitochondrial DNA profiles for CTS-F18-SACK1 (Item 1) and CTS-F18-SACK2 (Item 2) if at any point evidentiary samples should become available for comparison. Item 1 regions analyzed include HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. The only VR differences are 513A, 523delA and 524delC. Item 2 regions analyzed include HV1, HV2 and variable regions 16471 to 16561 and 424 to 548. The only VR difference is 16519C. [CTS does not direct participants on testing. It is CTS policy to recommend that laboratories test samples and report results based on their standard operating procedures.]

TABLE 8

WebCode	Additional Comments
RVVK9R	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.
RZ22KA	The DNA profile from CTS-18-5705A-3-A-2 is consistent with the DNA profile of CTS-18-57025A-2. CTS-18-57025A-2 cannot be excluded as the contributor of CTS-18-5705A-3-A-2 at the above mentioned loci. The probability of selecting a random unrelated individual having a DNA profile identical to CTS-18-57025A-2 at the loci observed is 1 in 7.37E+35 for African Americans, 1 in 5.65E+35 for Caucasian Americans, 1 in 5.00E+35 for Hispanic Americans, and 1 in 1.66E+38 for Asian Americans.
RZ4WZY	As results of the screening tests of Item3, the blood test is positive and semen test and saliva test are negative. As results of the screening tests of Item4, the blood test is positive and semen test and saliva test are negative. The female genotype is detected on Item3. That is consistent with the genotype of the suspect(Item2). The male genotype is detected on Item4. That does not match the victim(Item1) and the suspect(Item2).
T4KJ9C	Reporting with stutter filters on.
T6DC4V	Reporting STRmix results with stutter filters on
T6VJ7R	DNA from a single contributor was obtained from item 3. Any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons. As per laboratory policy reporting protocols, results for DYS391 are reported as INC.
T7MBAX	NR = No Result
TAPEXD	NR= No Results
TBGE7B	Extraction: Item 1 and 2 were extracted using in-situ extraction method. Item 3 and 4 were extracted using Promega DNA IQ kit via TECAN FREEDOM EVO 150. Quantification: Item 3 and 4 were quantified using ABI Quantifiler Human DNA Quantification Kit on ABI QuantStudio Real-Time PCR System. Amplification: Item 1 and 2 were amplified using AmpFLSTR Identifiler Direct PCR Amplification Kit on ABI GeneAmp PCR System 9700. Item 3 and 4 were amplified using AmpFLSTR Identifiler Plus PCR Amplification Kit on ABI GeneAmp PCR System 9700. Item 1 and 4 were amplified using AmpFLSTR Y-Filer PCR Amplification Kit on ABI GeneAmp PCR System 9700. Electrophoresis: Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 1 and 2 (Identifiler Direct Kit). Electrophoresis were carried out on ABI 3500xL Genetic Analyzer for Item 3 and 4 (Identifiler Plus Kit). Electrophoresis were carried out on ABI 3130xL Genetic Analyzer for Item 1 and 4 (Y-Filer Kit). Quality Control: Reagent blank, Positive control and Negative control were carried out along the analysis and all gave intended results.
TTLNC3	Labeled peaks that are likely due to PCR/STR artifacts in Item 3 (e.g. D1S1656) and Item 4 (e.g. D7S820) were not reported and will not be used for conclusions or comparisons. PowerPlex Fusion and YFiler amplification kits were used to test items 1 & 4 and the results were concordant at the DYS391 locus. DYS391 is reported as INC per lab policy.
TVAQ3T	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
TW2FZA	Extraction: Item 1 and Item 2 were extracted using in-situ method. Item 3 and Item 4 were extracted using Chelex extraction method. Quantification: Item 3 and Item 4 were quantified using ABI Quantifiler Human DNA Quantification kit on ABI QuantStudio 5 Real-Time PCR System. Amplification: Item 1 and Item 2 were amplified using AmFISTR Identifiler Direct PCR Amplification Kit. Item 3 and Item 4 were amplified using AmFISTR Identifiler Plus PCR Amplification Kit. Item 1 and Item 4 were further amplified using AmFISTR Y-Filer PCR Amplification Kit. All the amplification processes were carried out on ABI GeneAmp PCR System 9700. Electrophoresis: Electrophoresis was carried out on Genetic Analyzer 3500xL for Item 1 and Item 2 (Identifiler Direct). Electrophoresis was also carried out on Genetic Analyzer 3130xl for Item 3 and Item 4 (Identifiler Plus), Item 1 and Item 4 (Y-Filer). Quality Control: Reagent blank, Positive Control and Negative Control were carried out through analysis and all gave intended results.
TY7ZWW	NR = no results
U7GG4W	NR = No results
UFFNYU	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).
UHBWTX	NR = No result
UHF3KU	Reporting STRmix results with stutter filters on.
URRMAP	Screening tests performed by forensic biologist. NR = no results.
V2W2PW	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).
V7JKDR	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.
VBTYLP	Please note that in Part III [Table 7]: DNA interpretations were not performed. Item 1 and Item 2 were processed for database purposes only. NR=No results obtained
VJVDZJ	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.
VMX8ZA	YSTR and mitochondrial DNA testing are not performed in this laboratory. Reporting results with stutter filters on.
VZ48UD	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).
W3G2QJ	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. Male Screening was performed on items 3 and 4. Male Screening interpretation, review and report writing was covered in this proficiency test.

TABLE 8

WebCode	Additional Comments
WA66X8	Y-STR and Mitochondrial testing not performed at this laboratory. Data analysis performed with stutter filters on.
WAMFWU	NR= No Results
WBBZDY	DYS391 is reported as INC per lab policy. Any labeled peaks seen in Item 4 that are likely due to PCR/STR artifacts were not reported and will not be used for conclusions or comparison.
WHDNAB	Y screening results = Male DNA was not indicated on item 3. Male DNA was indicated on item 4. NR= No result.
WPK686	NR= No Results. {}=Imbalanced Alleles
X44YMN	NR = No results
XLCUBH	Male screening was performed on items 3 and 4. Male screening, interpretation, robotics, review, and report writing was covered in this proficiency test. DNA robotics was covered in the proficiency test.
XUN7BZ	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
XUZQ2W	1. In-situ extraction method was used to extract DNA from Item 1 and Item 2. 2. Chelex extraction method was used to extract DNA from Item 3 and Item 4. 3. DNA quantification was carried out using Quantifiler Human DNA Quantification Kit with Applied Biosystem Real Time Polymerase Chain Reaction 7500 System. 4. Amplification of STR (Short Tandem Repeat) Genetic Loci was carried out using the AmpFISTR Identifiler Direct and Plus PCR Amplification Kit. 5. Amplification of Y-STR (Short Tandem Repeat) Genetic Loci was carried out using the AmpFISTR Y-File PCR Amplification Kit. 6. Capillary electrophoresis was carried out using Applied Biosystem 3500xL Genetic Analyzer with GeneMapper ID-X Software. 7. Reagent blank, positive control and negative control were carried out throughout the analysis and all gave the intended results.
XWCMK9	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. Screening results were not entered for this proficiency because this analyst is not qualified/authorized to screen samples at this time.
XZFRJT	Please note: I am not authorised in reporting of RSID testing however, the test was performed by the authorised analyst.
Y4LWFL	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 either as allelic or stutter during deconvolution of samples. This sometimes results in true stutter peaks being reported as possible allele(s).
Y4NJ27	Reporting results with stutter filters on. Y-STR and mitochondrial testing are not performed in this regional lab.
Y7DQJG	NA = not applicable. NR= no results
YDBMZR	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
YFHGPK	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.
YHXYM3	{ } = imbalanced alleles. NR= No Results. NA= Not applicable to Globalfiler kit
YQEN8W	NR/NE = no results/not expected
YRDTGH	Item 1 (Victim Known) had a reproducible 16 allele at D1S1656. The allele was deemed inconclusive as a possible tri-allele for this sample.
Z26LN2	NT= Not Tested. NR= No Results
ZA878V	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.
ZDQ9AU	This test was used to proficiency test an employee that has responsibilities for screening blood only and extraction only. Therefore, only items 3 and 4 were screened and extracted. The DNA TL performed the quant, amp, run, GMID-X on samples 3 and 4.
ZFWQBB	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor based on the >99% genotype weightings are being reported. With probabilistic genotyping peaks in stutter position are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles.
ZHF97V	reporting with stutter filters on
ZTJDLR	NR = no results
ZTWVFW	Reporting with stutter filters on.

-End of Report-
(Appendix may follow)

Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program
Test No. 18-5705: Forensic Biology

DATA MUST BE RECEIVED BY November 5, 2018 TO BE INCLUDED IN THE REPORT

Participant Code:

WebCode:

Accreditation Release Statement

CTS submits external proficiency test data directly to ASCLD/LAB, ANAB, and 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 on the last page must be completed and submitted.)
- This participant's data is **NOT** intended for submission to ASCLD/LAB, ANAB or A2LA.

Scenario:

Police are investigating the assault of a male victim. The victim claims that while leaving a bar, he was called into an alley by woman who appeared to need help. When the victim approached the female, the female and a male not initially seen by the victim proceeded to assault the victim and a brawl ensued. The suspects fled on foot and the victim called the police. The officers reviewed the security footage from the bar and the female suspect was identified and soon apprehended. Investigators are submitting a stain from a shirt (Item 3) collected from the victim and a stain from the pants (Item 4) also collected from the victim along with blood samples from the male victim (Item 1) and the female suspect (Item 2).

Items Submitted (Sample Pack B5):

- Item 1: Known blood from the male victim
- Item 2: Known blood from the female suspect
- Item 3: Questioned stain from victim's shirt (yellow)
- Item 4: Questioned stain from victim's pants (blue)

Please return all pages of this data sheet.

Page 1 of 10

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 page. 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

Please indicate the Test(s) Performed on the corresponding line for each type of screening.

Item	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
Blood	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	KM, O-tol, PTMB
Semen	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PSA
Saliva	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
Item 3					
Blood	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Semen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Saliva	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

	Positive	Negative	Inconclusive	Not Tested	Test(s) Performed
Item 4					
Blood	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Semen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Saliva	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

Please return all pages of this data sheet.

Part II: DNA ANALYSIS

DNA Analysis Instructions:

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

- * Report alleles in numerical order, separated by a comma.
- * Follow your laboratory policy for reporting homozygotes.
- * If your laboratory policy is to indicate minor or weaker alleles, please enclose them within brackets [].
- * Stains with more than one contributor: If a differential extraction is performed, split the box with a horizontal line and report the results of the different fractions above and below the line - indicate which is the sperm fraction (sp) and which is the epithelial fraction (e) (Example A); otherwise, list the alleles in numerical order (Example B).

Example	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043	
A	e	10,11	15,16	8	12,13	7	8
	sp	12,13	15,17	8,17	11	14,15	11,13
B	[10],[11],12,13	15,[16],17	8,17	[11],12,13	7,14,15	8,11,13	

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

Reporting of YSTR alleles generated from primarily autosomal STR multiplex systems.

- 1) The YSTR loci commonly generated using STR multiplex systems are now included in the STR section. (DYS391, DYS570, DYS576, Y Indel)
- 2) There is no longer a need to transcribe YSTR results from STR multiplex systems to the YSTR section.

For probabilistic genotyping software, a text field has been added directly below the amplification kit section for each item to capture which software was used.

Additional DNA Results:

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

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

Please return all pages of this data sheet.

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

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

Identifiler® _____
 GlobalFiler™ _____
 Investigator® 24plex _____
 PowerPlex® _____ Other _____

Report the Probabilistic Genotyping Software Used (if applicable): _____

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ITEM	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ITEM	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ITEM	FGA	Penta D	Penta E	SE33	TH01	TPOX
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ITEM	vWA	DYS391	DYS570	DYS576	Y Indel	
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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

Yfiler™ _____
 PowerPlex® Y _____
 Other _____

ITEM	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ITEM	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ITEM	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	Y GATA H4
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please return all pages of this data sheet.

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

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

Identifiler® _____
 GlobalFiler™ _____
 Investigator® 24plex _____
 PowerPlex® _____ Other _____

Report the Probabilistic Genotyping Software Used (if applicable): _____

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	FGA	Penta D	Penta E	SE33	TH01	TPOX
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	vWA	DYS391	DYS570	DYS576	Y Indel	
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

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

Yfiler™ _____
 PowerPlex® Y _____
 Other _____

ITEM	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	Y GATA H4
2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Please return all pages of this data sheet.

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

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

Identifiler® _____
 GlobalFiler™ _____
 Investigator® 24plex _____

PowerPlex® _____
 Other _____

Report the Probabilistic Genotyping Software Used (if applicable): _____

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	FGA	Penta D	Penta E	SE33	TH01	TPOX
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	vWA	DYS391	DYS570	DYS576	Y Indel	
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

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

Yfiler™ _____
 PowerPlex® Y _____
 Other _____

ITEM	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	Y GATA H4
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Please return all pages of this data sheet.

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

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

Identifiler® _____
 GlobalFiler™ _____
 Investigator® 24plex _____

PowerPlex® _____
 Other _____

Report the Probabilistic Genotyping Software Used (if applicable): _____

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	FGA	Penta D	Penta E	SE33	TH01	TPOX
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	vWA	DYS391	DYS570	DYS576	Y Indel	
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	

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

Yfiler™ _____
 PowerPlex® Y _____
 Other _____

ITEM	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ITEM	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	Y GATA H4
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Please return all pages of this data sheet.

Part II (continued): Mitochondrial Sequencing Results

List the bases sequenced and base position deviations from the standard Anderson sequence for each item.

		Item 1	Item 2	Item 3	Item 4
Hypervariable Region I (HVR I)	Bases Sequenced				
	Deviations				
Hypervariable Region II (HVR II)	Bases Sequenced				
	Deviations				

If additional space is needed, copy this page or attach your own form following this layout

Please return all pages of this data sheet.

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="checkbox"/>	<input type="checkbox"/>	Yes <input type="checkbox"/>	<input type="checkbox"/>
No <input type="checkbox"/>	<input type="checkbox"/>	No <input type="checkbox"/>	<input type="checkbox"/>
Inconclusive <input type="checkbox"/>	<input type="checkbox"/>	Inconclusive <input type="checkbox"/>	<input type="checkbox"/>
No Interpretation <input type="checkbox"/>	<input type="checkbox"/>	No Interpretation <input type="checkbox"/>	<input type="checkbox"/>

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

Part IV: ADDITIONAL COMMENTS

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 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.

Return Instructions: Data must be received via online data entry, fax (please include a cover sheet), or mail by <i>November 05, 2018</i> to be included in the report. Emailed data sheets are not accepted.		ONLINE DATA ENTRY: www.cts-portal.com
QUESTION?		FAX: +1-571-434-1937
TEL: +1-571-434-1925 (8 am - 4:30 pm EST)		MAIL: Collaborative Testing Services, Inc.
EMAIL: forensics@cts-interlab.com		P.O. Box 650820
www.ctsforensics.com		Sterling, VA 20165-0820 USA

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Collaborative Testing Services - Forensic Testing Program

RELEASE OF DATA TO ACCREDITATION BODIES

The following Accreditation Releases will apply only to:

Participant Code:

WebCode:

for Test No. **18-5705: Forensic Biology**

This release page must be completed and received by **November 5, 2018** to have this participant's submitted data included in the reports forwarded to the respective Accreditation Bodies.

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

Signature and Title _____

Laboratory Name _____

Location (City/State) _____

Accreditation Release	
<u>Return Instructions</u>	
<i>Please submit the completed Accreditation Release at the same time as your full data sheet. See Data Sheet Return Instructions on the previous page.</i>	<i>Questions? Contact us 8 am-4:30 pm EST Telephone: +1-571-434-1925 email: forensics@cts-interlab.com</i>

Please return all pages of this data sheet.