



Forensic Biology Test No. 20-5701 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 671 participants and are compiled into the following tables:

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

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

Manufacturer's Information

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

SAMPLE PREPARATION: The stains on Items 1, 2, 3, and 4 were prepared using human whole blood which was either drawn into citric acid preservative bags or EDTA tubes. Items 1 and 4 (50 μ l) were created using blood collected from the same female donor. Items 2 and 3 (50 μ l) were created using blood collected from the same male donor. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on January 7, 2020 following completion of the verification stage.

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

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

Manufacturer's Information, continued

Amelogenin and STR Results						
Results compiled from predistribution laboratories and a consensus of at least 10 participants.						
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
1	11,16	20,24	11,14	15,16	11,13	*
	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17	NM	NM	NM	NM	
2	14,18.3	17,24	10,14	15,18	11,12	*
	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17	2	
3	14,18.3	17,24	10,14	15,18	11,12	*
	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17	2	
4	11,16	20,24	11,14	15,16	11,13	*
	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17	NM	NM	NM	NM	

YSTR Results									
Results compiled from predistribution laboratories and a consensus of at least 10 participants.									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11	12	20	17	19	22	12	11
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11	12	20	17	19	22	12	11

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

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

Manufacturer's Information, continued

Mitochondrial DNA Sequencing Results

Nucleotide Ranges Tested

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

<u>Item</u>	<u>HVR-II</u>	<u>HVR-I</u>
1	73-340	16024-16365
2	73-340	16024-16365
3	54-367	16024-16385
4	49-365	16024-16365

Deviations HVR-II, HVR-I

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

	195.0	263.0	309.1	315.1	16220.0	16293.0	16311.0
ITEM 1	C	G	C	C	G	G	C

	73.0	263.0	309.1	315.1	16126.0	16294.0	16296.0
ITEM 2	G	G	C	C	C	T	T

	73.0	263.0	309.1	315.1	16126.0	16294.0	16296.0
ITEM 3	G	G	C	C	C	T	T

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

Summary Comments

The 20-5701 Forensic Biology test was designed to allow participants to assess their proficiency in the identification and comparison of dried stains by means of body fluid screening and/or DNA profiling. Participants were supplied with two "known" bloodstains (Items 1 and 2) and two "questioned" stains (Items 3 and 4). Items 1 and 4 were created using blood from the same female donor. Items 2 and 3 were created using blood from the same male donor. (See Manufacturer's Information for preparation details)

Data were returned by 671 participants.

Screening Test Results:

Screening results were returned by a total of 604 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 590 participants that returned results reported "Positive" for the presence of blood. All of the 299 participants that returned results for semen reported "Negative" results. For the presence of saliva, 100 participants reported "Negative" results and one participant reported "Inconclusive" results.

For Item 4, all 589 participants that returned results reported "Positive" for the presence of blood. All of the 276 participants that returned results for semen reported "Negative" results. All of the 103 participants that returned results for saliva reported "Negative" results.

DNA Analysis Results:

Of the 671 participants that returned results, 636 reported DNA interpretations. Twenty-three participants did not respond, two stated that the samples were only analyzed for database purposes, and ten selected the "No Interpretations" option individually for all Interpretation questions.

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

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

A total of 182 participants reported the use of Probabilistic Genotyping (PG) software on either solely the questioned items or all four items. The majority of participants reporting the use of PG software stated in their additional comments that stutter may be included in the DNA results.

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

Key for Screening Tests Used

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

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

Serology Screening Results

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

TABLE 1

Webcode	Fluid ID						
	Item	Blood	Semen	Saliva	Other		
26DGDZ							
Item 3	Pos	RSID Blood	Neg	RSID Semen	Neg	RSID Saliva	
Item 4	Pos	RSID Blood	Neg	RSID Semen	Neg	RSID Saliva	
29F3ZH							
Item 3	Pos	KM	NT		NT		
Item 4	Pos	KM	NT		NT		
2A87MZ							
Item 3	Pos	KM	NT		NT		
Item 4	Pos	KM	NT		NT		
2APQVB							
Item 3	Pos	KM	Neg	AP, Micro, PSA	Neg	Phadebas	ALS, Neg ALS
Item 4	Pos	KM	Neg	AP, Micro, PSA	Neg	Phadebas	ALS, Neg ALS
2EDC8P							
Item 3	Pos	KM	Neg	AP	Neg	Phadebas	
Item 4	Pos	KM	Neg	AP	Neg	Phadebas	
2G6PWH							
Item 3	Pos	KM, HemaTrace	Neg	AP, Micro, PSA	Neg	Phadebas	
Item 4	Pos	KM, HemaTrace	Neg	AP, Micro, PSA	Neg	Phadebas	
2GQ3UT							
Item 3	Pos	LMG, HemaTrace	Neg	ALS		NT	
Item 4	Pos	LMG, HemaTrace	Neg	ALS		NT	
2JB6CZ							
Item 3	Pos	KM	NT		NT		
Item 4	Pos	KM	NT		NT		
2JFB2A							
Item 3	Pos	KM, TMB	NT		NT		
Item 4	Pos	KM, TMB	NT		NT		
2LGGEU							
Item 3	Pos	TMB, HemDirect	NT	ALS		NT	
Item 4	Pos	TMB, HemDirect	NT	ALS		NT	
2NAACZ							
Item 3	Pos	KM	NT		NT		
Item 4	Pos	KM	NT		NT		

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
2TXACD					
Item 3	Pos	TMB (Combur), KM	Neg AP, PSA	Neg Phadebas	
Item 4	Pos	TMB (Combur), KM	Neg AP, PSA	Neg Phadebas	
2W2NDJ					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
2YGVBE					
Item 3	Pos	PTMB	Neg AP		
Item 4	Pos	PTMB	Neg AP		
2ZDX39					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
2ZKX7G					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
32HFAX					
Item 3	NT	per info from TL no	NT testing needed	NT	
Item 4	NT	per info from TL	NT no tesitng needed	NT	
32HH2N					
Item 3	Pos	KM	NT	Neg RSID	
Item 4	Pos	KM	NT	Neg RSID	
34W9WP					
Item 3	Pos	LMG, HemaTrace	Neg ALS, Micro, PSA	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	Visual, Neg ALS
36LUW9					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
3743JW					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
37KJUC					
Item 3	Pos	KM	Neg AP, Micro, PSA	Neg Amylase Radial Diffusion	
Item 4	Pos	KM	Neg AP, Micro, PSA	Neg Amylase Radial Diffusion	
37WXRF					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
39NJQ3					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
3DDPW8					
Item 3	Pos	KM, HemaTrace	Neg ALS	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP, PSA, Micro	Neg Radial Diffusion	
3GVCLQ					
Item 3	Pos	PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos	PTMB, HemaTrace	Neg AP	NT	
3KPXWT					
Item 3	Pos	LMG, HemaTrace	Neg AP, Micro, PSA	Neg Amylase	
Item 4	Pos	LMG, HemaTrace	Neg AP, Micro, PSA	Neg Amylase	
3MR2HN					
Item 3	Pos	LMG, ABA HemaTrace	Neg Micro, ABA p30	NT	Alternate Light Source, Neg ALS
Item 4	Pos	LMG, ABA HemaTrace	NT	NT	Alternate Light Source, Neg ALS
3PTVB2					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
3R3VG9					
Item 3	Pos	LMG	NT	NT	Human Blood, Pos RSID
Item 4	Pos	LMG	NT	NT	Human Blood, Pos RSID
3UABPX					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
42PZDX					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
43CZW3					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
4636LR					
Item 3	Pos	LMG, HemaTrace	Neg AP, PSA, Micro	Neg Amylase	
Item 4	Pos	LMG, HemaTrace	Neg AP, PSA, Micro	Neg Amylase	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
46Y3N4					
Item 3	Pos	HStix, HTrace	NT	NT	
Item 4	Pos	HStix, HTrace	NT	NT	
48DRGK					
Item 3	Pos	pth, HemaTrace	Neg AP, Micro, PSA	Neg SALLgAE	Neg ALS
Item 4	Pos	pth, HemaTrace	Neg AP, Micro, PSA	Neg SALLgAE	Neg ALS
4BTYLT					
Item 3	Pos	LMG	Neg Micro	NT	
Item 4	Pos	LMG	Neg Micro	NT	
4BUC4Z					
Item 3	Pos	TMB, RSID	Neg PSA	Neg Phadebas	
4H6GZE					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
4KYA4W					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
4LPN2M					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
4MGMG8					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
4T82ZL					
Item 3	Pos	PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos	PTMB, HemaTrace	Neg AP	NT	
4UG36T					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
4UZQMN					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
4WTKFA					
Item 3	Pos	KM	Neg AP, PSA, Micro	Neg Phadebas	ALS, Neg ALS
Item 4	Pos	KM	Neg AP, PSA, Micro	Neg Phadebas	ALS, Neg ALS

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
4WXX7R						
Item 3	Pos	Visual, LMG, ABA HemaTrace	Neg	ALS, Micro, PSA	NT	
Item 4	Pos	Visual, LMG, ABA HemaTrace	NT	NT	Visualization, Neg ALS	
4YGXG2						
Item 3	Pos	Hemastix, ABA HemaTrace Confirmatory	NT	Neg	RSID-Saliva	
Item 4	Pos	Hemastix, ABA HemaTrace Confirmatory	NT	Neg	RSID-Saliva	
638DTN						
Item 3	Pos	O-tol	Neg	AP		
Item 4	Pos	O-tol	Neg	AP		
639LZT						
Item 3	Pos	PTMB, HemaTrace	Neg	AP	NT	
Item 4	Pos	PTMB, HemaTrace	NT	NT		
63VYX8						
Item 3	Pos	KM	Neg	AP, PSA, Micro	Neg	Radial Diffusion
Item 4	Pos	KM	Neg	AP, PSA, Micro	Neg	Radial Diffusion
64C768						
Item 3	Pos	KM	NT	NT		
Item 4	Pos	KM	NT	NT		
66X7PX						
Item 3	Pos	KM	Neg	AP, Micro	Neg	Phadebas
Item 4	Pos	KM	Neg	AP, Micro	Neg	Phadebas
682QTX						
Item 3	Pos	PTMB, HemaTrace	NT	NT		
Item 4	Pos	PTMB, HemaTrace	NT	NT		
68JC9N						
Item 3	Pos	PTMB	Neg	ALS		
Item 4	Pos	PTMB	Neg	ALS		
6HHARH						
Item 3	Pos	KM	NT	NT		
Item 4	Pos	KM	NT	NT		
6J2V2J						
Item 3	Pos	KM, HemaTrace	Neg	BCIP	NT	
Item 4	Pos	KM, HemaTrace	Neg	BCIP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
6JHNKM					
Item 3	Pos	KM	Neg BCIP	NT	
Item 4	Pos	KM	Neg BCIP	NT	
6NN7WU					
Item 3	Pos	PTMB, HemaTrace	NT	NT	
Item 4	Pos	PTMB, HemaTrace	NT	NT	
6NVFZD					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
6QCTDN					
Item 3	Pos	KM	Neg BCIP	NT	
Item 4	Pos	KM	Neg BCIP	NT	
6QXPYG					
Item 3	Pos		Neg ALS	NT	
Item 4	Pos		Neg ALS	NT	
6UFBQX					
Item 3	Pos	PTMB, HemaTrace	Neg AP, ALS	NT	
Item 4	Pos	PTMB, HemaTrace	Neg AP, ALS	NT	
6W4KMZ					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
6WHCQV					
Item 3	Pos	PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos	PTMB, HemaTrace	Neg AP	NT	
6WTZ92					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
6X3U63					
Item 3	Pos	LMG	Neg AP	NT	Human Blood, Pos RSID Blood
Item 4	Pos	LMG	Neg AP	NT	Human Blood, Pos RSID Blood
7388AE					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
74GFX6					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
74LK43					
Item 3	Pos	LMG	NT	NT	RSID - Human, Pos RSID - Human
Item 4	Pos	LMG	NT	NT	RSID - Human, Pos RSID - Human
74VEYN					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
74Z6GL					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	
7798BW					
Item 3	Pos	KM	Neg AP, Micro	Neg Phadebas	
Item 4	Pos	KM	Neg AP, Micro	Neg Phadebas	
77VK99					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
78Q9KC					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
7A8LYL					
Item 3	Pos	Phenolphthalein	Neg ALS, BCIP	NT	
Item 4	Pos	Phenolphthalein	Neg ALS, BCIP	NT	
7AQEQJ					
Item 3	Pos	PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos	PTMB, HemaTrace	NT	NT	
7DMC3V					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
7GPW7V					
Item 3	Pos	PTMB, HemaTrace	NT	NT	
Item 4	Pos	PTMB, HemaTrace	NT	NT	
7HBHGD					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	
7J9QPW					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos	KM, HemaTrace	Neg AP	Neg RSID	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
7JY3KA					
Item 3	Pos	TMB	NT	NT	
Item 4	Pos	TMB	NT	NT	
7MW4M6					
Item 3	Pos	KM	Neg ALS	NT	
Item 4	Pos	KM	Neg ALS	NT	
7N3PZL					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
7QTQ3N					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
7TCURL					
Item 3	Pos	Hemastix	Neg BCIP	NT	
Item 4	Pos	Hemastix	Neg BCIP	NT	
7UUT7U					
Item 3	Pos	LMG, Ouchterlony (anti-HgHb)	Neg AP, Micro, PSA	NT	
Item 4	Pos	LMG, Ouchterlony (anti-HgHb)	Neg AP, Micro, PSA	NT	
7XA7TC					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
839HGT					
Item 3	Pos	TMB	NT	NT	
Item 4	Pos	TMB	NT	NT	
83FH64					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
83L9DT					
Item 3	Pos	KM	Neg AP, ALS, Micro	Neg RSID	
Item 4	Pos	KM	Neg AP, ALS, Micro	Neg RSID	
83PJGA					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
84GF74					
Item 3	Pos				
Item 4	Pos				

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
84Y4CJ					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
89W22W					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
8AN3RU					
Item 3	Pos	Phenolphthalein	Neg BCIP	NT	
Item 4	Pos	Phenolphthalein	Neg BCIP	NT	
8DBNQU					
Item 3	Pos	KM	Neg AP		
Item 4	Pos	KM	Neg AP		
8G4RFU					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
8GLMXV					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
8HDCWC					
Item 3	Pos	LMG	Neg AP	Neg RSID	Male DNA, Pos Y screen
Item 4	Pos	LMG	Neg AP	Neg RSID	Male DNA, Neg Y screen
8HKWXQ					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
8MPTDY					
Item 3	Pos	KM, O-tol	NT	NT	Male DNA, Pos NaOH Y screen
Item 4	Pos	KM, O-tol	NT	NT	Male Screen, Neg NaOH Y screen
8N62MK					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
8P6Z6T					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
8QYPAM					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
8WHXQR					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
8XWU7R					
Item 3	Pos	LMG, HemaTrace	Neg	ALS, PSA, Micro	NT
Item 4	Pos	LMG, HemaTrace	Neg	ALS, PSA, Micro	NT
944BDR					
Item 3	NT		Neg	AP	Male DNA, Pos Y-screening
Item 4	NT		Neg	AP	Male DNA, Neg Y-screening
94F3X2					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
94U4GQ					
Item 3	Pos	RSID, TMB, Tak B	Neg	Micro, PSA	NT
Item 4	Pos	RSID, TMB, Tak B	Neg	Micro, PSA	NT
99PDWM					
Item 3	Pos	LMG, HemaTrace	Neg	AP, PSA, Micro	Neg Amylase
Item 4	Pos	LMG, HemaTrace	Neg	AP, PSA, Micro	Neg Amylase
9A23CT					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
9BPR32					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
9BQJ2A					
Item 3	Pos	KM, HemaTrace	Neg	AP, Micro, PSA	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Neg	AP, Micro, PSA	Neg Phadebas
9CQXMM					
Item 3	Pos	Hemastix, HemaTrace	NT	NT	
Item 4	Pos	Hemastix, HemaTrace	NT	NT	
9DFT9P					
Item 3	Pos	LMG, HemaTrace	Neg	ALS, AP	NT
Item 4	Pos	LMG	Neg	ALS, AP	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
9DHFP4					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	
9GGYLA					
Item 3	Pos	LMG, HemaTrace	Neg Brentamine	NT	
Item 4	Pos	LMG, HemaTrace	Neg Brentamine	NT	
9HD9UH					
Item 3	Pos	LMG, HemaTrace	Neg Micro, p30	NT	ALS, Neg
Item 4	Pos	LMG, HemaTrace	NT	NT	ALS, Neg
9HV86W					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
9JAUGG					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
9RRTLJ					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
9RZ42M					
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
9T9FJN					
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
9TB7RR					
Item 3	Pos	KM	Neg AP, Micro	Neg RSID	
Item 4	Pos	KM	Neg AP, Micro	Neg RSID	
9TG6DM					
Item 3	Pos	LMG, ABACardHemaTrace	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos	LMG, ABACardHemaTrace	NT	NT	
9TW3BZ					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
9UNM3K					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
9UNQLM					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
9WRUAX					
Item 3	Pos	KM	Neg AP, ALS	NT	
Item 4	Pos	KM	Neg AP, ALS	NT	
9ZHJZA					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
A9XTMH					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
ABLYRU					
Item 3	Pos	KM	Neg AP, ALS	NT	
Item 4	Pos	KM	Neg AP, ALS	NT	
ABPVKG					
Item 3	Pos	KM, HemaTrace	Neg PSA, Micro	Neg RSID	male DNA, Pos y-screening
Item 4	Pos	KM, HemaTrace	Neg PSA, Micro	Neg RSID	male DNA, Neg y-screening
ABXNTQ					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
ADEBQK					
Item 3	Pos	KM	Neg ALS, AP, Micro	Neg ALS, Phadebas	Human DNA, Pos Quantifiler Trio
Item 4	Pos	KM	Neg ALS, AP, Micro	Neg ALS, Phadebas	Human DNA, Pos Quantifiler Trio
AH6KZJ					
Item 3	Pos	KM	Neg BCIP	NT	
Item 4	Pos	KM	Neg BCIP	NT	
AJ3VT2					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
ALU6TU					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
AMQ6HR					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
AN8DVT					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro, RSID Semen	Neg RSID Saliva	
Item 4	Pos	KM, HemaTrace	Neg AP, Micro, RSID Semen	Neg RSID Saliva	
AQKMGY					
Item 3	Pos	KM	Neg ALS	NT	
Item 4	Pos	KM	Neg ALS	NT	
ATBCXD					
Item 3	Pos	KM	NT	NT	Human origin, Pos PowerQuant
Item 4	Pos	KM	NT	NT	Human origin, Pos PowerQuant
AULCL8					
Item 3	NT		NT	NT	Y-Screening, Pos Promega Casework Direct Kit, Custom
Item 4	NT		NT	NT	Y-Screening, Neg Promega Casework Direct Kit, Custom
AVECQX					
Item 3	Pos	LMG	Neg AP	NT	
Item 4	Pos	LMG	Neg AP	NT	
AX79EP					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
B2DQVC					
Item 3	Pos	TMB	NT	NT	
Item 4	Pos	TMB	NT	NT	
B3V6GN					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
B3WCUU					
Item 3	Pos	Hemophan, FOB	Neg AP	Neg RSID Saliva	
Item 4	Pos	Hemophan, FOB	Neg AP	Neg RSID Saliva	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
B467DU					
Item 3	Pos	TMB, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos	TMB, HemaTrace	Neg AP	Neg RSID	
B46CLZ					
Item 3	Pos	KM			
Item 4	Pos	KM			
B8MDTG					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
B9V9WF					
Item 3	Pos	Hemastix	NT	NT	
Item 4	Pos	Hemastix	NT	NT	
BBNAKW					
Item 3	Pos	TMB, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos	TMB, HemaTrace	Neg AP	Neg RSID	
BCUFGD					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
BCXZLQ					
Item 3	Pos	Tetrabasebariumperoxid	Neg AP	Neg Phadebas	
Item 4	Pos	Tetrabasebariumperoxid	Neg AP	Neg Phadebas	
BCZ8N6					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
BE8BWU					
Item 3	Pos	O-tol, PMB	NT	NT	Urine, Vomit, and Feces, Neg DMAC, Creatinine, Peptest, and Urobilinogen
Item 4	Pos	O-tol, PMB	NT	NT	Urine, Vomit, and Feces, Neg DMAC, Creatinine, Peptest, and Urobilinogen
BEYQBD					
Item 3	Pos	PTMB, HemaTrace	NT	NT	
Item 4	Pos	PTMB, HemaTrace	NT	NT	
BF267L					
Item 3	Pos	KM, O-tol, Takayama, RSID Blood	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
BFPEPG						
Item 3	Pos	KM, LMG, RSID	Neg	AP, Micro, PSA	Neg	RSID
Item 4	Pos	KM, LMG, RSID	Neg	AP, Micro, PSA	Neg	RSID
BFY6YC						
Item 3	Pos	KM, RSID-Blood	NT		NT	
Item 4	Pos	KM, RSID-Blood	NT		NT	
BGH98Q						
Item 3	Pos	TMB	NT		NT	
Item 4	Pos	TMB	NT		NT	
BGQMY7						
Item 3	Pos	KM, HemaTrace	NT		NT	
Item 4	Pos	KM, HemaTrace	NT		NT	
BHB7FX						
Item 3	Pos	KM, TMB	NT		NT	
Item 4	Pos	KM, TMB	NT		NT	
BKBEHM						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Neg	AP	NT	
BNQ3MT						
Item 3	Pos	KM	Neg	ALS, AP	NT	
Item 4	Pos	KM	Neg	ALS, AP	NT	
BNTRVW						
Item 3	Pos		NT		NT	
Item 4	Pos		NT		NT	
BRB9MV						
Item 3	Pos	LMG, HemaTrace	NT		NT	
Item 4	Pos	LMG, HemaTrace	NT		NT	
BVN7LJ						
Item 3	Pos	KM, HemaTrace	NT		NT	
Item 4	Pos	KM, HemaTrace	NT		NT	
BW4YPE						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	NT		NT	
BWGMTR						
Item 3	Pos	PTMB, HemaTrace	NT		NT	
Item 4	Pos	PTMB, HemaTrace	NT		NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
BWR2T9					
Item 3	Pos	TMB	NT	NT	
Item 4	Pos	TMB	NT	NT	
BY9E8J					
Item 3	Pos	Phenolphthalein	NT	NT	
Item 4	Pos	Phenolphthalein	NT	NT	
BYEVCU					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	NT	NT	
BYUX7X					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
C4773M					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
C6EJKN					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
CA9F8U					
Item 3	Pos	LMG	Neg ALS, AP		
Item 4	Pos	LMG	Neg ALS, AP		
CALHR3					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
CBF9XG					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	
CDBAA6					
Item 3	Pos	KM, ABACard HemaTrace	NT	NT	
Item 4	Pos	KM, ABACard HemaTrace	NT	NT	
CE2KZX					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
CEE84K					
Item 3	Pos	PTMB, HemaTrace	NT	NT	
Item 4	Pos	PTMB, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
CEU74H					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
CHZU3Y					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
CJHZC9					
Item 3	Pos	IR, pth, Hema	Neg AP	NT	
Item 4	Pos	pth	Neg ALS, AP, p30, Micro	Neg SALlgAE	
CK8AKP					
Item 3	Pos	KM	Neg AP		
Item 4	Pos	KM	NT		
CKLTVN					
Item 3	Pos	PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos	PTMB, HemaTrace	Neg AP	NT	
CM9WMP					
Item 3	NT		Neg AP	NT	Pos Male DNA screening
Item 4	NT		Neg AP	NT	Neg Male DNA screening
CP24BD					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
CTGBDZ					
Item 3	Pos	KM	Neg AP, ALS	NT	
Item 4	Pos	KM	Neg AP, ALS	NT	
CTLZ4X					
Item 3	Pos	LMG	Neg AP	NT	Human Blood, Pos RSID-Blood
Item 4	Pos	LMG	Neg AP	NT	Human Blood, Pos RSID-Blood
CTMNR2					
Item 3	Pos	KM	Neg AP, PSA, Micro	NT	
Item 4	Pos	KM	Neg AP, PSA, Micro	NT	
CU8CJN					
Item 3	Pos	TMB, Micro/Takayama, RSID-Blood	Neg ALS, AP, PSA, Micro/Christmas Tree Stain	NT	
Item 4	Pos	TMB, Micro/Takayama, RSID-Blood	Neg ALS, AP, PSA, Micro/Christmas Tree Stain	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
CUAMCQ					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	
CUTRRY					
Item 3	Pos	LMG	Neg AP, PSA	Neg RSID	
Item 4	Pos	LMG	Neg AP, PSA	Neg RSID	
CVREKB					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
CWKKMM					
Item 3	Pos	KM	Neg ALS, AP, Micro	Neg RSID	
Item 4	Pos	KM	Neg ALS, AP, Micro	Neg RSID	
CWM4X4					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
CWNWVB					
Item 3	Pos	HemaTrace	NT	NT	
Item 4	Pos	HemaTrace	NT	NT	
D2QKBX					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
D2RD97					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
D4336M					
Item 3	Pos	KM Test	Neg AP Test	NT	
Item 4	Pos	KM Test	Neg AP test	NT	
D83A8C					
Item 3	Pos	TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos	TMB, HemDirect	Neg ALS, AP	NT	
DA4C2W					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
DAKNLM					
Item 3	Pos	KM, HemaTrace	Neg ALS, BCIP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, BCIP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
DCM6KW					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
DDJYGM					
Item 3	Pos	Phenolphthalein	Neg BCIP	NT	
Item 4	Pos	Phenolphthalein	Neg BCIP	NT	
DFA8VF					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
DFKNHP					
Item 3	NT		Neg AP	NT	Male DNA, Pos Y-screening
Item 4	NT		Neg AP	NT	Male DNA, Neg Y-screening
DG6VA6					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
DMRZAF					
Item 3	Pos	RSID	Neg RSID	Neg RSID	Urine, Neg RSID
Item 4	Pos	RSID	Neg RSID	Neg RSID	Urine, Neg RSID
DNGLAX					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
DNYTTF					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
DTHNV8					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
DVJWZH					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
DXMB83					
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
DY7BYB					
Item 3	Pos	KM	Neg ALS, AP, Micro	Inc	Phadebas
Item 4	Pos	KM	Neg ALS, AP, Micro	Neg	Phadebas
E33HMU					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
E4DJGR					
Item 3	Pos	TMB	NT	NT	
Item 4	Pos	TMB	NT	NT	
E4HV6N					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
E4UPTB					
Item 3	Pos	HemaTrace	Neg PSA, RSID	Neg	RSID
Item 4	Pos	HemaTrace	Neg PSA, RSID	Neg	RSID
E4ZUG3					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
E73QQ6					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg	Phadebas
E8RYYK					
Item 3	Pos	LMG, HT	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos	LMG, HT	Neg ALS, AP, Micro, PSA	NT	
E9ZTDE					
Item 3	NT		Neg AP	NT	
Item 4	NT		Neg AP	NT	
EBEH9J					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
EBFG7X					
Item 3	Pos	KM	Neg AP, PSA, Micro	Neg	Amylase
Item 4	Pos	KM	Neg AP, PSA, Micro	Neg	Amylase
EBQBUK					
Item 3	Pos	LMG	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg ALS, AP, PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
EBWMFV					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
EDBYU7					
Item 3	Pos	PTMB	Neg AP	NT	
Item 4	Pos	PTMB	Neg AP	NT	
EE9AUF					
Item 3	Pos	HemaTrace	Neg PSA	NT	
Item 4	Pos	HemaTrace	Neg PSA	NT	
EEGXNE					
Item 3	Pos	TMB, OBTI-test	NT	NT	
Item 4	Pos	TMB, OBTI-test	NT	NT	
EG2J2G					
Item 3	Pos	KM	Neg BCIP	Neg Phadebas	
Item 4	Pos	KM	Neg BCIP	Neg Phadebas	
EGKQHD					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
EHYVT2					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
EJD3EH					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
EJQRHV					
Item 3	Pos	TMB	NT	NT	
Item 4	Pos	TMB	NT	NT	
EKWEHV					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
ENXE4L					
Item 3	Pos	KM	Neg AP, Micro	Neg RSID	
Item 4	Pos	KM	Neg AP, Micro	Neg RSID	
EPNLZ4					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
EQTQ82					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
EU9A24					
Item 3	Pos	KM	Neg AP	NT	The lab does not test for Saliva Y-screening, Pos Promega Casework Direct Kit, Custom
Item 4	Pos	KM	Neg AP	NT	The lab does not test for Saliva Y-screening, Neg Promega Casework Direct Kit, Custom
EUCVPU					
Item 3	Pos	TMB	NT	NT	
Item 4	Pos	TMB	NT	NT	
EUH3FX					
Item 3	Pos	LMG	Neg AP	Neg	RSID-Saliva
Item 4	Pos	LMG	Neg AP	Neg	RSID-Saliva
EVYJYA					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
EY2GCP					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
EYZLUE					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	
F3XJX6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
F63ARD					
Item 3	Pos	Hemastix (TMB), ABA HemaTrace	Neg AP, ALS	NT	
Item 4	Pos	Hemastix (TMB), ABA HemaTrace	Neg AP, ALS	NT	
F64XEH					
Item 3	Pos	O-tol	Neg ALS, AP, Micro, PSA	Neg	Amylase Diffusion Gel
Item 4	Pos	O-tol	Neg ALS, AP, Micro, PSA	Neg	Amylase Diffusion Gel
F8UA2T					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
FA8KQD					
Item 3	Pos	KM, HT	Neg AP, p30	Neg RSID-Saliva	
Item 4	Pos	KM, HT	Neg AP, p30	Neg RSID-Saliva	
FDDV2V					
Item 3	Pos	LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos	LMG	Neg AP	Neg RSID-Saliva	
FKE88C					
Item 3	Pos	hemochromogen	NT	NT	
Item 4	Pos	hemochromogen	NT	NT	
FLB3U9					
Item 3	Pos	KM	NT	NT	Human origin, Pos PowerQuant
Item 4	Pos	KM	NT	NT	Human origin, Pos PowerQuant
FLMVDN					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Neg AP	Neg Phadebas	
FMNGD9					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP		
FMQ8LC					
Item 3	Pos	TMB, HemDirect	NT ALS		
Item 4	Pos	TMB, HemDirect	NT ALS		
FNWPK9					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
FQ9K7Z					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
FRW6QB					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
FTUAQD					
Item 3	Pos	LMG, ABACardHemaTrace	Neg ALS, Micro, PSA	NT	
Item 4	Pos	LMG, ABACardHemaTrace	NT	NT	Visualization, Neg ALS

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
FVHHYT						
Item 3	Pos	KM, TMB	Neg	AP, PSA, Micro	NT	
Item 4	Pos	KM, TMB	Neg	AP, PSA, Micro	NT	
FVZXPB						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
FWM3VN						
Item 3	Pos	KM	Neg	ALS, AP	NT	
Item 4	Pos	KM	Neg	ALS, AP	NT	
FWRUDA						
Item 3	Pos	TMB, HemDirect	NT		NT	
Item 4	Pos	TMB, HemDirect	NT		NT	
FX44AA						
Item 3	Pos	O-tol, HemaTrace	Neg	ALS, p30, AP, Micro	Neg	RSID, Micro
Item 4	Pos	O-tol, HemaTrace	Neg	ALS, p30, AP, Micro	Neg	RSID, Micro
G3AHDJ						
Item 3	Pos	PTMB, HemaTrace	NT		NT	
Item 4	Pos	PTMB, HemaTrace	NT		NT	
G3D3HZ						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
G49M3D						
Item 3	Pos	TMB, Hem Direct	NT		NT	
Item 4	Pos	TMB, Hem Direct	NT		NT	
G7NB8K						
Item 3	Pos	PTMB, HemaTrace	NT		NT	
Item 4	Pos	PTMB, HemaTrace	NT		NT	
G7TAKM						
Item 3	Pos	BLUESTAR OBTI	NT		NT	
Item 4	Pos	BLUESTAR OBTI	NT		NT	
G8TTKA						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
G96AZ9						
Item 3	Pos	KM	Neg	AP, Micro	Neg	Phadebas
Item 4	Pos	KM	Neg	AP, Micro	Neg	Phadebas

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
G9C7XT					
Item 3	Pos	LMG	Neg AP	Neg	RSID
Item 4	Pos	LMG	Neg AP	Neg	RSID
GDUQBF					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
GF34RE					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
GF4U7A					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
GFQ8W3					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	
GL8RLH					
Item 3	Pos	HemDirect	Neg AP, PSA	NT	
Item 4	Pos	HemDirect	Neg AP, PSA	NT	
GMBB46					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	
GMGRQP					
Item 3	Pos	LMG	Neg AP	NT	
Item 4	Pos	LMG	Neg AP	NT	
GNXZZB					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
GRWULE					
Item 3	Pos	RSID-Blood			
Item 4	Pos	RSID-Blood			
GTWDZA					
Item 3	Pos	Hemastix	NT	NT	
Item 4	Pos	Hemastix	NT	NT	
GY6RQL					
Item 3	NT		Neg AP	NT	Male DNA, Pos Y-Screening
Item 4	NT		Neg AP	NT	Male DNA, Neg Y-Screening

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
H2ACJR						
Item 3	Pos	PHTH, HemaTrace	Neg	AP Spot	NT	
Item 4	Pos	PHTH, HemaTrace	Neg	AP Spot, PSA, Micro	Neg Radial Diffusion	
H2DYXK						
Item 3	Pos	TMB, Takayama, RSID	Neg	ALS, AP, PSA, Micro	NT	
Item 4	Pos	TMB, Takayama, RSID	Neg	ALS < AP, PSA, Micro	NT	
H394L7						
Item 3	Pos	TMB	Neg	ALS, AP	NT	
Item 4	Pos	TMB	Neg	ALS, AP	NT	
H4EPV6						
Item 3	Pos	LMG	Neg	AP	NT	
Item 4	Pos	LMG	Neg	AP	NT	
H4Y2Z6						
Item 3	Pos	KM, HemaTrace	NT		NT	
Item 4	Pos	KM, HemaTrace	NT		NT	
H6F2RD						
Item 3	Pos	KM, RSID-Blood	Neg	AP	NT	
Item 4	Pos	KM, RSID-Blood	Neg	AP	NT	
H8GJVU						
Item 3	Pos	KM, HemaTrace	NT		NT	
Item 4	Pos	KM, HemaTrace	NT		NT	
H8LQQV						
Item 3	Pos	KM, HemaTrace	Neg	PSA, Micro	Neg RSID	Male DNA, Pos Y-screening
Item 4	Pos	KM, HemaTrace	Neg	PSA, Micro	Neg RSID	Male DNA, Neg Y-screening
H9AG2F						
Item 3	Pos	PTMB, HemaTrace	NT		NT	
Item 4	Pos	PTMB, HemaTrace	NT		NT	
H9H4C3						
Item 3	Pos	TMB, HemDirect	NT		NT	
Item 4	Pos	TMB, HemDirect	NT		NT	
HDU734						
Item 3	Pos	Visual, LMG, HemaTrace	Neg	Micro, PSA	NT	
Item 4	Pos	Visual, LMG, HemaTrace	NT		NT	
HEFR33						
Item 3	Pos	PTMB	NT		NT	
Item 4	Pos	PTMB	NT		NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
HEREQH					
Item 3	Pos	Hemastix	NT	NT	
Item 4	Pos	Hemastix	NT	NT	
HFJFAK					
Item 3	Pos	KM			
Item 4	Pos	KM			
HFW6DW					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Neg AP, Micro	NT	
HGRLGV					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
HJZYW3					
Item 3	Pos	KM	Neg BCIP, ALS, Micro	NT	Amylase, Neg Amylase Diffusion
Item 4	Pos	KM	Neg BCIP, ALS, Micro	NT	Amylase, Neg Amylase Diffusion
HLGLG4					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
HN4JPU					
Item 3	Pos	KM	Neg AP, ALS	NT	
Item 4	Pos	KM	Neg AP, ALS	NT	
HNMQAW					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
HP9489					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
HPN26K					
Item 3	Pos	KM, Micro	Neg AP	NT	
Item 4	Pos	KM, Micro	Neg AP	NT	
HR8L4G					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
HTZLWL					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
HV8U8R					
Item 3	Pos	LMG	Neg AP, ALS	NT	ALS
Item 4	Pos	LMG	NT	NT	ALS
HYHK6Z					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
J3WKTE					
Item 3	Pos	Hemastix	NT	NT	
Item 4	Pos	Hemastix	NT	NT	
J4DR33					
Item 3	Pos	PTMB	Neg AP	NT	
Item 4	Pos	PTMB	Neg AP	NT	
J68DWU					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
JCBX2G					
Item 3	Pos	KM	Neg AP, Micro	Neg	RSID Saliva
Item 4	Pos	KM	Neg AP, Micro	Neg	RSID Saliva
JCUNHE					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
JECTWD					
Item 3	Pos	PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos	PTMB, HemaTrace	Neg AP	NT	
JHB4TD					
Item 3	Pos	PTMB, HemaTrace	NT	NT	
Item 4	Pos	PTMB, HemaTrace	NT	NT	
JHLTBH					
Item 3	Pos	TMB	NT	NT	
Item 4	Pos	TMB	NT	NT	
JJP3VW					
Item 3	Pos	KM, HemDirect card	Neg AP, Micro, PSA card	Neg	RSID Saliva card
Item 4	Pos	KM, HemDirect card	Neg AP, Micro, PSA card	Neg	RSID Saliva card
JKAZYL					
Item 3	Pos	PTMB	Neg AP	NT	
Item 4	Pos	PTMB	Neg AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
JKXDPE					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg Saliva RSID	
Item 4	Pos	KM, HemaTrace	Neg AP	Neg Saliva RSID	
JLT4T9					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	
JN2GU2					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
JN4HXT					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
JNJMUQ					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
JQU8DK					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
JTTFTB					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos	KM, HemaTrace	Neg AP	Neg RSID	
JUM7W6					
Item 3	Pos	KM, HemaTrace	NT	NT	Human, Pos PowerQuant
Item 4	Pos	KM, HemaTrace	NT	NT	Human, Pos PowerQuant
JVTL3W					
Item 3	Pos	Combur (TMB), KM	Neg AP, PSA	Neg Phadebas	
Item 4	Pos	Combur (TMB), KM	Neg Ap, PSA	Neg Phadebas	
JXMGT6					
Item 3	Pos	KM	NT	NT	Human, Pos PowerQuant
Item 4	Pos	KM	NT	NT	Human, Pos PowerQuant
K2M4LE					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
K7E4DA						
Item 3	Pos	KM, LMG, RSID	Neg	ALS, AP, PSA, Micro	Neg	RSID
Item 4	Pos	KM, LMG, RSID	Neg	ALS, AP, PSA, Micro	Neg	RSID
K9NYGC						
Item 3	Pos	TMB, HemaTrace	NT		NT	
Item 4	Pos	TMB, HemaTrace	NT		NT	
KA4MCQ						
Item 3	Pos	TMB	NT		NT	
Item 4	Pos	TMB	NT		NT	
KAFLRA						
Item 3	Pos	PTMB, HemaTrace	Neg	AP	NT	
Item 4	Pos	PTMB, HemaTrace	Neg	AP	NT	
KBXAQF						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
KCRZU9						
Item 3	Pos	TMB, HemDirect	NT	ALS	NT	
Item 4	Pos	TMB, HemDirect	NT	ALS	NT	
KEQUY7						
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg	Phadebas
KHGTUF						
Item 3	Pos	KM	Neg	AP, Micro	NT	
Item 4	Pos	KM	Neg	AP, Micro	NT	
KJCEGE						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
KKM6LQ						
Item 3	Pos	KM	Neg	AP Micro PSA	Neg	Amylase RADIAL Diffusion
Item 4	Pos	KM	Neg	AP Micro PSA	Neg	Amylase RADIAL Diffusion
KL8MD6						
Item 3	Pos	KM	NT		NT	Human DNA, Pos Powerquant
Item 4	Pos	KM	NT		NT	Human DNA, Pos Powerquant
KNKMZ4						
Item 3	Pos	TMB, HemDirect	NT		NT	
Item 4	Pos	TMB, HemDirect	NT		NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
KPA9ZM					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Neg	ALS, AP	NT
KR2ZEE					
Item 3	Pos	Phenolphthalein	Neg	ALS, BCIP	NT
Item 4	Pos	Phenolphthalein	Neg	ALS, BCIP	NT
KRNWY8					
Item 3	Pos	TMB, RSID	Neg	PSA	Neg
Item 4	Pos	TMB, RSID	Neg	PSA	Neg
KYF46D					
Item 3	Pos	O-tol, HemDirect	Neg	AP	NT
Item 4	Pos	O-tol, HemDirect	Neg	AP	NT
L33UG4					
Item 3	Pos	KM, Combur (TMB)	Neg	PSA, AP	Neg Phadebas
Item 4	Pos	KM, Combur (TMB)	Neg	PSA, AP	Neg Phadebas
L4ACBQ					
Item 3	Pos	TMB, HemaTrace	Neg	ALS	Neg ALS
Item 4	Pos	TMB, HemaTrace	Neg	ALS	Neg ALS
L4DNZ9					
Item 3	Pos	LMG, HemaTrace	NT	NT	Visualization, Neg ALS
Item 4	Pos	LMG, HemaTrace	NT	NT	
L7ZBTV					
Item 3	Pos	KM	Neg	AP, Micro	NT
Item 4	Pos	KM	Neg	AP, Micro	NT
L8LYC7					
Item 3	NT		Neg	AP	NT
Item 4	NT		Neg	AP	NT
L8MNKA					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Neg	AP	NT
LAJ8DF					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
LDZURK					
Item 3	Pos	O-tol, HemDirect	Neg	AP, Micro, PSA	Neg Amylase Dif
Item 4	Pos	O-tol, HemDirect	Neg	AP, Micro, PSA	Neg Amylase Dif

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
LF4KZL					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
LFFHWR					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
LGY9EA					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
LNRVZC					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
LP4XJP					
Item 3	Pos	LMG	Neg AP	Neg RSID	
Item 4	Pos	LMG	Neg AP	Neg RSID	
LQ9BZB					
Item 3	Pos	Bluestar Obti test	Neg PSA-CHECK-1 test	Neg RSID-Saliva test	
Item 4	Pos	Bluestar Obti test	Neg PSA-CHECK-1 test	Neg RSID-Saliva test	
LQYCD A					
Item 3	Pos	KM, HemaTrace	Neg AP		
Item 4	Pos	KM, HemaTrace	Neg AP		
LRCBLH					
Item 3	Pos	PTMB, HemaTrace	NT	NT	
Item 4	Pos	PTMB, HemaTrace	NT	NT	
LWULT7					
Item 3	Pos	O-tol	NT	NT	
Item 4	Pos	O-tol	NT	NT	
LX9TEM					
Item 3	Pos	TMB	NT	NT	
Item 4	Pos	TMB	NT	NT	
LXL27H					
Item 3	Pos	KM/Takayama	Neg AP	NT	
Item 4	Pos	KM/Takayama	Neg AP	NT	
LY4FTC					
Item 3	Pos	Kastle Meyer	NT	NT	
Item 4	Pos	Kastle Meyer	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
M8PWYR					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
M93T6Y					
Item 3	Pos	KM	NT	NT	Human origin, Pos PowerQuant
Item 4	Pos	KM	NT	NT	Human origin, Pos PowerQuant
MBP9MT					
Item 3	Pos	KM	Neg AP	NT	Y Screening, Pos Promega Casework Direct
Item 4	Pos	KM	Neg AP	NT	Y Screening, Neg Promega Casework Direct
MCH7RE					
Item 3	Pos	PTMB, HemaTrace	NT	NT	
Item 4	Pos	PTMB, HemaTrace	NT	NT	
MDNZG7					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	
MENQQY					
Item 3	Pos	TMB	NT ALS	NT	
Item 4	Pos	TMB	NT ALS	NT	
MEPVDG					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
MER64Y					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
MLGKC8					
Item 3	Pos	KM, RSID Blood, LMG	Neg AP, PSA, ALS, Micro	Neg RSID Saliva	
Item 4	Pos	KM, RSID Blood, LMG	Neg AP, PSA, ALS, Micro	Neg RSID Saliva	
MLZXZP					
Item 3	Pos	KM, Seratec HemDirect	NT	NT	
Item 4	Pos	KM, Seratec HemDirect	NT	NT	
MM4A9C					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
MMBMGF					
Item 3	Pos	PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos	PTMB, HemaTrace	Neg AP	NT	
MMVLED					
Item 3	Pos	PTMB, HemaTrace	NT	NT	
Item 4	Pos	PTMB, HemaTrace	NT	NT	
MP4NBB					
Item 3	Pos	O-tol, HemDirect	Neg AP	NT	
Item 4	Pos	O-tol, HemDirect	Neg AP	NT	
MP8ZJZ					
Item 3	Pos	KM	NT	NT	Human origin, Pos PowerQuant
Item 4	Pos	KM	NT	NT	Human origin, Pos PowerQuant
MQW78Y					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	
MV8HGY					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
MWJC4R					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
MWTX7Z					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
N2AKRD					
Item 3	Pos	KM, HemaTrace, ALS	NT	NT	
Item 4	Pos	KM, HemaTrace, ALS	NT	NT	
N6AWMD					
Item 3	Pos	KM, HemaTrace, ALS	NT	NT	
Item 4	Pos	KM, HemaTrace, ALS	NT	NT	
N6WNWH					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
N87G2J					
Item 3	Pos	LMG	Neg ALS	NT	
Item 4	Pos	LMG	Neg ALS	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
NA3XM7					
Item 3	Pos	KM, HemaTrace	Neg p30	Neg	RSID
Item 4	Pos	KM, HemaTrace	Neg p30	Neg	RSID
NBJUGQ					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	
NJYZG8					
Item 3	Pos	ALS, TMB, HemDirect	NT	NT	
Item 4	Pos	ALS, TMB, HemDirect	NT	NT	
NK7C8X					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
NPF9NX					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
NTEKBY					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	
NU99VF					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
NVLGZF					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
NWZTUD					
Item 3	Pos	PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos	PTMB, HemaTrace	NT	NT	
NYRQGB					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
P2UT36					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
P747K4					
Item 3	Pos	TMB, HemDirect	NT ALS	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
P87U8A					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
P9U9PR					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
PA3LYV					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
PB674A					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
PG673X					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
PG7PYD					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
PHEV9A					
Item 3	Pos	PHTH	Neg ALS, BCIP	NT	
Item 4	Pos	PHTH	Neg ALS, BCIP	NT	
PM6ATB					
Item 3	Pos	LMG, HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	LMG	Neg ALS, AP	NT	
PMFK22					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
PNEV8X					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	
PNMXPX					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
PNP6WC					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
PP24RK					
Item 3	Pos	KM	Neg	ALS	NT
Item 4	Pos	KM	Neg	ALS	NT
PP2K2H					
Item 3	Pos	TMB	NT		NT
Item 4	Pos	TMB	NT		NT
PPXFC					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
PQW8F8					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
PRGJZ2					
Item 3	Pos	Hemastix	NT		NT
Item 4	Pos	Hemastix	NT		NT
PTZEMK					
Item 3	Pos	KM	Neg	AP, Micro	NT
Item 4	Pos	KM	Neg	AP, Micro	NT
PUCF47					
Item 3	Pos	LMG, HemaTrace	NT		NT
Item 4	Pos	LMG, HemaTrace	NT		NT
PV4HQN					
Item 3	Pos	KM	Neg	AP, Micro, ABACard	Neg Amylase Radial Diffusion
Item 4	Pos	KM	Neg	AP, Micro, ABACard	Neg Amylase Radial Diffusion
PVH447					
Item 3	Pos	PTMB, HemaTrace	Neg	AP	NT
Item 4	Pos	PTMB, HemaTrace	Neg	AP	NT
PWT6P6					
Item 3	Pos	PTMB, HemaTrace	NT		NT
Item 4	Pos	PTMB, HemaTrace	NT		NT
PX96AU					
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT
Item 4	Pos	LMG, HemaTrace	Neg	AP	NT
PXDJVT					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
PYE7XT						
Item 3	Pos	KM	NT	No indication in scenario that testing is necessary	NT	No indication in scenario that testing is necessary
Item 4	Pos	KM	NT	No indication in scenario that testing is necessary	NT	No indication in scenario that testing is necessary
PYJJLP						
Item 3	Pos	KM	Neg	ALS, AP	NT	
Item 4	Pos	KM	Neg	ALS, AP	NT	
PYQRP9						
Item 3	Pos	LMG, HemaTrace	Neg	AP, PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg	AP, PSA, Micro	NT	
Q4WD4D						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
Q6J2B7						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
Q7V2EM						
Item 3	Pos	LMG, HemaTrace	Neg	ALS, AP, PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Neg	ALS, AP, PSA, Micro	NT	
Q8G9UA						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
Q929QT						
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg	AP	NT	
QBRQVU						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
QC8CXN						
Item 3	Pos	LMG	NT		NT	
Item 4	Pos	LMG	NT		NT	
QEBGXP						
Item 3	Pos	KM & HemaTrace	NT		NT	
Item 4	Pos	KM & HemaTrace	NT		NT	
QEER7F						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Neg	AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
QGLMV6					
Item 3	Pos	KM, RSID	Neg AP	NT	
Item 4	Pos	KM, RSID	NT	NT	
QJBARJ					
Item 3	Pos	TMB	NT	NT	
Item 4	Pos	TMB	NT	NT	
QK7X79					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
QPQBB4					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
QUHYTP					
Item 3	Pos	O-tol	Neg AP		
Item 4	Pos	O-tol	Neg AP		
QVHY8F					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
QX2H87					
Item 3	Pos	PTMB, HemaTrace	NT	NT	
Item 4	Pos	PTMB, HemaTrace	NT	NT	
R42GV2					
Item 3	Pos	PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos	PTMB, HemaTrace	NT	NT	
R4RAWE					
Item 3	Pos	KM	Neg ALS	NT	Human Origin, Pos ABAcad HemaTrace
Item 4	Pos	KM	Neg ALS	NT	Human Origin, Pos ABAcad HemaTrace
R9223C					
Item 3	Pos	Leucocrystal Violet, Bluestar OBTI	NT	NT	
Item 4	Pos	Leucocrystal Violet, Bluestar OBTI	NT	NT	
RBHDK4					
Item 3	Pos	O-tol, HemaTrace	Neg AP	NT	
Item 4	Pos	O-tol, HemaTrace	Neg AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
RCAGWX					
Item 3	Pos	KM and Combur (TMB)	Neg AP and PSA	Neg Phadebas	
Item 4	Pos	KM and Combur (TMB)	Neg AP and PSA	Neg Phadebas	
RGWFX7					
Item 3	Pos	O-tol, HemaTrace, KM*	NT	NT	Screen for male DNA, Pos NaOH Y-Screen
Item 4	Pos	KM, KM*, RSID-Blood	NT	NT	Screen for male DNA, Neg NaOH Y-Screen
RL66F9					
Item 3			Neg AP		Male DNA, Pos Y-screening
Item 4			Neg AP		Male DNA, Neg Y-screening
RLM3HD					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
RLNRQG					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
RLUQEW					
Item 3	Pos	TMB, HemDirect	NT ALS	NT	
Item 4	Pos	TMB, HemDirect	NT ALS	NT	
RMYJWC					
Item 3	Pos	PTMB, HemaTrace	NT	NT	
Item 4	Pos	PTMB, HemaTrace	NT	NT	
RNDHYV					
Item 3	Pos	PTMB	Neg AP	NT	
Item 4	Pos	PTMB	Neg AP	NT	
RNFQ6E					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
RNXLXZ					
Item 3	Pos	TMB, HemDirect	NT ALS	NT	
Item 4	Pos	TMB, HemDirect	NT ALS	NT	
RNZAK6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
RTWTQA					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
RUD2VY					
Item 3	NT		Neg AP	NT	
Item 4	NT		Neg AP	NT	
RWRQQ2					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
RXFXME					
Item 3	Pos	Hemastix, HemaTrace	NT	NT	
Item 4	Pos	Hemastix, HemaTrace	NT	NT	
RXNLJY					
Item 3	Pos	KM, HemaTrace	Neg BCIP	NT	
Item 4	Pos	KM, HemaTrace	Neg BCIP	NT	
T4AJF7					
Item 3	Pos	TMB, HemDirect	NT ALS	NT	
Item 4	Pos	TMB, HemDirect	NT ALS	NT	
T4C83B					
Item 3	Pos	TMB	NT	NT	
Item 4	Pos	TMB	NT	NT	
T4PZGT					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
T6ZKKU					
Item 3	Pos	TMB, HemDirect	NT ALS	NT	
Item 4	Pos	TMB, HemDirect	NT ALS	NT	
T8HNG2					
Item 3	Pos	O-tol	Neg PSA, AP	NT	
Item 4	Pos	O-tol	Neg PSA, AP	NT	
TDDR4H					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
TJFKXT					
Item 3	Pos	KM, RSID	Neg AP	NT	
Item 4	Pos	KM, RSID	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
TKXYJ6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
TL4B9T					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
TMW9GY					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	
TNFWDL					
Item 3	Pos	KM	Neg AP and Micro and ALS	Neg RSID	
Item 4	Pos	KM	Neg AP and Micro and ALS	Neg RSID	
TP7BJA					
Item 3	Pos	TMB	NT	NT	
Item 4	Pos	TMB	NT	NT	
TRNFY9					
Item 3	Pos	PTMB, HemaTrace	NT	NT	
Item 4	Pos	PTMB, HemaTrace	NT	NT	
TRVHTM					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
TV4M2V					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Radial Diffusion	
Item 4	Pos	KM, HemaTrace	Neg AP, Micro, PSA	Neg Radial Diffusion	
TVN9RZ					
Item 3	Pos	KM, LMG, RSID	Neg ALS, AP, PSA, Micro	Neg ALS, RSID	
Item 4	Pos	KM, LMG, RSID	Neg ALS, AP, PSA, Micro	Neg ALS, RSID	
TW3NA8					
Item 3	Pos	TMB, Takayama, RSID	Neg ALS, PSA, Micro	NT	
Item 4	Pos	TMB, Takayama, RSID	Neg ALS, PSA, Micro	NT	
TWPFHD					
Item 3	Pos	KM, HemaTrace	Neg PSA, Micro, ALS, AP	NT	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
TWQF94					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
U28LGQ					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	
U38AQV					
Item 3	Pos	PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos	PTMB, HemaTrace	Neg AP	NT	
U4Y96T					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
U4ZXDW					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
U63PHH					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
U68ZZA					
Item 3	NT		Neg AP	NT	Male DNA screening, Pos y-screening
Item 4	NT		Neg AP	NT	Male DNA screening, Neg y-screening
U6FYBX					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
U78YBU					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	Neg ALS, Phadebas	
Item 4	Pos	KM, HemaTrace	Neg ALS, AP	Neg ALS, Phadebas	
U8X4QW					
Item 3	NT		Neg AP	NT	
Item 4	NT		Neg AP	NT	
UAPHER					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Neg AP	NT	
UBJJZA					
Item 3	Pos	KM	Neg AP	Neg PHADEBAS	
Item 4	Pos	KM	Neg AP	Neg PHADEBAS	
UEJPK8					
Item 3	Pos	KM	Neg AP, Micro	Neg RSID	
Item 4	Pos	KM	Neg AP, Micro	Neg RSID	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
UEKCKQ					
Item 3	Pos	TMB	NT	NT	
Item 4	Pos	TMB	NT	NT	
UG29MJ					
Item 3	Pos	KM	Neg AP, ALS	NT	
Item 4	Pos	KM	Neg AP, ALS	NT	
UGBB2B					
Item 3	Pos	Hemastix, ABA HemaTrace Confirmatory	NT	Neg RSID-Saliva	
Item 4	Pos	Hemastix, ABA HemaTrace Confirmatory	NT	Neg RSID-Saliva	
UGLDEB					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
UHBK3Z					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
UHKMGQ					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
UHN3TR					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
UJAL4K					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	
UMXH3F					
Item 3	Pos	TMB	NT	NT	
Item 4	Pos	TMB	NT	NT	
UN2TMT					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	
UNT7G6					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
UQTCLR					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
UUP4R3					
Item 3	Pos	PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos	PTMB, HemaTrace	Neg AP	NT	
UUZGRL					
Item 3	Pos	LMG	NT	NT	
Item 4	Pos	LMG	NT	NT	
V3ENFV					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
V66PLJ					
Item 3	Pos	PTMB	NT	NT	
Item 4	Pos	PTMB	NT	NT	
V68EYE					
Item 3	Pos	KM	Neg ALS		
Item 4	Pos	KM	Neg ALS		
V8JJP6					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
VDKR2Y					
Item 3	Pos	KM	Neg AP, Micro, ALS	Neg Phadebas, ALS	Human DNA detected, Pos Quantifiler Trio
Item 4	Pos	KM	Neg AP, Micro, ALS	Neg Phadebas, ALS	Human DNA detected, Pos Quantifiler Trio
VEBJR6					
Item 3	Pos	Hemastix	NT	NT	
Item 4	Pos	Hemastix	NT	NT	
VFAZAE					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
VFKG6L					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
VGJ3XX					
Item 3	Pos	TMB (Hemastix), HemaTrace	Neg ALS, AP	NT	
Item 4	Pos	TMB (Hemastix), HemaTrace	Neg ALS, AP		

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
VGVHQK					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
VL94ZR					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
VN7VHW					
Item 3	Pos	LMG, HemaTrace	Neg ALS, Micro, p30	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
VP2F6V					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
VRL2M6					
Item 3	Pos	LMG; HemaTrace	NT	NT	
Item 4	Pos	LMG; HemaTrace	NT	NT	
VRLHM3					
Item 3	Pos	PHTH	Neg ALS, BCIP	NT	
Item 4	Pos	PHTH	Neg ALS, BCIP	NT	
VU42R2					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
VULBK2					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Neg AP	NT	
VWP6P8					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
VX6Q69					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
VXG2EY					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
VXKLF2					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA	Neg RSID	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA	Neg RSID	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
VZZB8X					
Item 3	Pos	LMG, HemaTrace	Neg	ALS Micro, p30	NT
Item 4	Pos	LMG, HemaTrace	NT		NT
W7HFKD					
Item 3	Pos	KM	NT		
Item 4	Pos	KM	NT		
WA4LEM					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
WBGU83					
Item 3	Pos	LMG, HemaTrace	Neg	AP, Micro, PSA	NT
Item 4	Pos	LMG, HemaTrace	Neg	AP, Micro, PSA	NT
WCTUJH					
Item 3	Pos	KM	Neg	AP, Micro, PSA	Neg Phadebas ALS, Neg ALS
Item 4	Pos	KM	Neg	AP, Micro, PSA	Neg Phadebas ALS, Neg ALS
WFKXTU					
Item 3	Pos	RSID, TMB	Neg	ALS, PSA	Neg ALS, RSID
Item 4	Pos	RSID, TMB	Neg	ALS, PSA	Neg ALS, RSID
WG3CE7					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
WHCDBC					
Item 3	Pos	LMG	NT		NT
Item 4	Pos	LMG	NT		NT
WNLJDW					
Item 3	Pos	TMB, HemDirect	NT		NT
Item 4	Pos	TMB, HemDirect	NT		NT
WPCXBM					
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg Phadebas
WPVGHF					
Item 3	Pos	LMG	NT		NT
Item 4	Pos	LMG	NT		NT
WQQ6W4					
Item 3	Pos	LMG, HemaTrace	Neg	ALS, AP	NT
Item 4	Pos	LMG	Neg	ALS, AP	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
WRUKM2					
Item 3	Pos	Hemastix	NT	NT	
Item 4	Pos	Hemastix	NT	NT	
WVKZR9					
Item 3	Pos	O-tol, Seratec Hemdirect	Neg AP, Seratec PSA, Micro	Neg Seratec Alpha Amylase	
Item 4	Pos	O-tol, Seratec Hemdirect	Neg AP, Seratec PSA, Micro	Neg Seratec Alpha Amylase	
WWBFPY					
Item 3	Pos	KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA detected, Pos Quant Trio
Item 4	Pos	KM	Neg ALS, AP, Micro	Neg Phadebas	Human DNA detected, Pos Quant Trio
WZGKXD					
Item 3	Pos	TMB	NT	NT	
Item 4	Pos	TMB	NT	NT	
X2KYHQ					
Item 3	Pos	KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
Item 4	Pos	KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
X2VJWM					
Item 3	Pos	visual, PTMB	NT	NT	
Item 4	Pos	visual, PTMB	NT	NT	
X3CFL2					
Item 3	Pos	KM	NT	NT	Human, Pos PowerQuant
Item 4	Pos	KM	NT	NT	Human, Pos PowerQuant
XAYLHU					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
XBMFYU					
Item 3	Pos	Phenolphthalein	Neg BCIP	NT	
Item 4	Pos	Phenolphthalein	Neg BCIP	NT	
XEGV7C					
Item 3	Pos	LMG	Neg AP	Neg RSID	
Item 4	Pos	LMG	Neg AP	Neg RSID	
XEL8U8					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
XF7EJ3					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Neg	AP	NT
XLT9G3					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
XMJ7WV					
Item 3	Pos	PTMB	NT		NT
Item 4	Pos	PTMB	NT		NT
XMWENP					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
XP4UWG					
Item 3	Pos	O-tol, HemaTrace	Neg	AP, PSA	
Item 4	Pos	O-tol, HemaTrace	NT		
XQY9Q2					
Item 3	Pos	TMB, Takayama, RSID	Neg	ALS, AP, PSA, Micro	NT
Item 4	Pos	TMB, Takayama, RSID	Neg	ALS, AP, PSA, Micro	NT
XVHR3M					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
XVYWD					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Neg	ALS, AP	NT
XWVH7X					
Item 3	Pos	LMG, HemaTrace	Neg	AP, Micro, PSA	Neg Amylase
Item 4	Pos	LMG, HemaTrace	Neg	AP, Micro, PSA	Neg Amylase
XXMGKW					
Item 3	Pos	LMG, HemaTrace	NT		NT
Item 4	Pos	LMG, HemaTrace	NT		NT
Y6R89N					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
Y6ZTUE					
Item 3	Pos	Luminol, Hexagon-OBTI	Neg	AP	Neg Phadebas
Item 4	Pos	Luminol, Hexagon-OBTI	Neg	AP	Neg Phadebas

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
Y76ZM3					
Item 3	NT		Neg AP	NT	Male DNA, Pos Y-Screening
Item 4	NT		Neg AP	NT	Male DNA, Neg Y-Screening
Y8LGFP					
Item 3	Pos KM		NT	NT	
Item 4	Pos KM		Neg AP	NT	
YDPWUY					
Item 3	Pos KM		NT	NT	
Item 4	Pos KM		NT	NT	
YEY7F4					
Item 3	NT		Neg AP	NT	Pos Male DNA screening
Item 4	NT		Neg AP	NT	Neg Male DNA screening
YL8TZX					
Item 3	Pos TMB, HemDirect		NT	NT	
Item 4	Pos TMB, HemDirect		NT	NT	
YMWUFG					
Item 3	Pos PTMB		NT	NT	
Item 4	Pos PTMB		NT	NT	
YNRVH6					
Item 3	Pos KM, HemaTrace		Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos KM, HemaTrace		Neg ALS, AP, Micro, PSA	NT	
YVC38M					
Item 3	Pos TMB, HemDirect		NT ALS	NT	
Item 4	Pos TMB, HemDirect		NT	NT	
YXD427					
Item 3	Pos KM		Neg ALS, AP, p30	NT	Human Origin, Pos HemaTrace
Item 4	Pos KM		Neg ALS, AP	NT	Human Origin, Pos HemaTrace
YXEUA					
Item 3	Pos LMG		NT	NT	
Item 4	Pos LMG		NT	NT	
YXHGN3					
Item 3	Pos Phenolphthalein		NT	NT	
Item 4	Pos Phenolphthalein		NT	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
YXKTWQ					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
YZJM2N					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
Z2RH6L					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
Z4L49W					
Item 3	Pos	KM, RSID	Neg AP	NT	
Item 4	Pos	KM, RSID	NT	NT	
Z9WRQP					
Item 3	Pos	KM, Takayama, HemaTrace	Neg AP, PSA	NT	
Item 4	Pos	KM, Takayama, HemaTrace	Neg AP, PSA	NT	
ZA6TRZ					
Item 3	Pos	PTMB, HemaTrace	NT	NT	
Item 4	Pos	PTMB, HemaTrace	NT	NT	
ZB8FN4					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
ZBT36T					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro	Neg Phadebas	Detection of Male DNA, Pos Y-Screening
Item 4	Pos	KM, HemaTrace	Neg AP, Micro	Neg Phadebas	Detection of Male DNA, Neg Y-Screening
ZBVTDW					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
ZEMLQQ					
Item 3	Pos	O-tol	NT	NT	
Item 4	Pos	O-tol	NT	NT	
ZERGTH					
Item 3	Pos	LMG	Neg AP, PSA	Neg RSID	
Item 4	Pos	LMG	Neg AP, PSA	Neg RSID	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
ZGANTB					
Item 3	Pos	Hemastix, HemaTrace	Neg AP, Micro (Sperm)	Neg Amylase RD, Micro (nuc. e-cells)	
Item 4	Pos	Hemastix, HemaTrace	Neg AP, Micro (Sperm)	Neg Amylase RD, Micro (nuc. e-cells)	
ZJ2KG6					
Item 3	Pos	LMG, HemaTrace	Neg AP, Micro, PSA	Neg Amylase	
Item 4	Pos	LMG, HemaTrace	Neg AP, Micro, PSA	Neg Amylase	
ZK632P					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
ZK6HBM					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	
ZP34D9					
Item 3	Pos	KM			
Item 4	Pos	KM			
ZPZ8XL					
Item 3	Pos	KM, HemaTrace	NT	NT	
Item 4	Pos	KM, HemaTrace	NT	NT	
ZV9QYY					
Item 3	Pos	KM	Neg BCIP	NT	
Item 4	Pos	KM	Neg BCIP	NT	
ZVQLRK					
Item 3	Pos	TMB, HemDirect	NT	NT	
Item 4	Pos	TMB, HemDirect	NT	NT	
ZW2P87					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Neg ALS, AP	NT	
ZXDCQ7					
Item 3	Pos	KM, O-tol, RSID, HemaTrace	NT	NT	
Item 4	Pos	KM, O-tol, RSID, HemaTrace	NT	NT	
ZYTMU3					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Neg AP	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other

ZZMRDW

Item 3	Pos	KM; RSID-Blood	Neg	AP	NT
Item 4	Pos	KM; RSID-Blood	NT		NT

Table 1: Serology Screening Response Summary				Item 3	Participants: 604
ITEM 3:	Blood	Semen	Saliva		
Positive	590	0	0		
Negative	0	299	100		
Inconclusive	0	0	1		
Not Tested (NT)	13	300	485		
Not Reported	1	5	18		

Table 1: Serology Screening Response Summary				Item 4	Participants: 603
ITEM 4:	Blood	Semen	Saliva		
Positive	589	0	0		
Negative	0	276	103		
Inconclusive	0	0	0		
Not Tested (NT)	13	322	480		
Not Reported	1	5	20		

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

26DGDZ	PowerPlex® ESX17Fast, PowerPlex®ESX17Fast					
	11,16	20,24	11,14	15,16		
1		12,13	13,15	17,20		11,13
	14,16	12,14	28,32.2	15,16	X,X	
	20,21			17,19	9,9.3	
	15,17					
29F3ZH	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1		12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
2A87MZ	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1		12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
2APQVB	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1		12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
2EDC8P	GlobalFiler™ (TrueAllele)					
	11,16	20,24	11,14	15,16	11,13	
1		12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
2G6PWH	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1		12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

2G7ZUR	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	NR				
2GQ3UT	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
2JB6CZ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
2JFB2A	PowerPlex® Fusion 6C, GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17	NR	NR	NR	NR	
2LGGEU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
2NAACZ	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
2PQEDW	PowerPlex® Fusion (STRmix v2.3.07)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

2RWWCT	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
2TXACD	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
2W2NDJ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
2YGVBE	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
2ZDX39	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
2ZKX7G	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
32HFAX	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

32HH2N	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
34W9WP	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
36LUW9	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
3743JW	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	NT
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	NT	NT	17,19	9,9.3	8,9
	15,17	NR	NT	NT	NR	
37KJUC	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
37WXRF	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	neg				
39NJQ3	GlobalFiler™					
	11,16	20,14	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

3AWAKU	PowerPlex® Fusion 5C (STRmix v2.3.07)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
3DDPW8	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
3ENG43	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
3GVCLQ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
3KPXWT	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
3PTVB2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
3R3VG9	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

3UABPX	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
42PZDX	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
43CZW3	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
4636LR	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
46Y3N4	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
48DRGK	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
4BTYLT	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	

TABLE 2

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

Item 1 - STR Results

4BUC4Z	PowerPlex® ES116 Fast, in-house					
	11,16	20,24	11,14	15,16		
1		12,13	13,15	17,20		11,13
	14,16	12,14	28,32.2	15,16	X	
	20,21				9,9.3	
	15,17					
4H6GZE	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
4KJKRQ	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	NR				
4KYA4W	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
4LPN2M	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
4MGMG8	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
4T82ZL	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

4UG36T	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
4UWMXY	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
4UZQMN	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
4VQD2R	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
4WTKFA	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
4YGXG2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
638DTN	Identifiler® Plus					
		20,24		15,16	11,13	
1	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

639LZT	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
63VYX8	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
64C768	GlobalFiler™, MiniFiler					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NO RESULTS			NO RESULTS	
66X7PX	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
682QTX	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
68JC9N	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
69H6A7	Identifiler® Plus					
		20,24		15,16	11,13	
1	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

6HHARH	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
6J2V2J	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
6KDPKP	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	NR				
6NN7WU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
6NVFZD	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
6QXPYG	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
6UFBQX	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

6W4KMZ	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
6WHCQV	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
6WTZ92	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
6X3U63	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
7388AE	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
74GFX6	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
74LK43	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

74VEYN	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
74Z6GL	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
7669VN	PowerPlex® Fusion 5					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
773LFV	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
7798BW	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
77VK99	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
78Q9KC	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	

TABLE 2

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

Item 1 - STR Results

7A8LYL	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
7AQEQJ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
7DMC3V	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
7FR8LU	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
7GPW7V	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
7HBHGD	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
7J9QPW	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

7JY3KA	PowerPlex® 21					
	11,16	20,24		15,16	11,13	13,17
1	8,11	12,13		17,20	12,12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
7MW4M6	GlobalFiler™ PCR Amplification Kit					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
7N3PZL	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
7QTQ3N	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
7TCURL	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
7UUT7U	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	NT
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	NT	NT	17,19	9,9.3	8,9
	15,17	NR	NT	NT	NR	
7XA7TC	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

839HGT	PowerPlex® Fusion (TrueAllele)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
83FH64	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
83L9DT	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
83PJGA	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
84GF74	Identifiler® Plus					
		20,24		15,16	11,13	
1	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		XX	9,12
	20,21				9,9.3	8,9
	15,17					
84Y4CJ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
89W22W	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

8AN3RU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
8DBNQU	Identifiler® Plus					
		20,24		15,16	11,13	
1	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					
8DJHWP	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
8FCMTN	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
8G4RFU	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
8GLMXV	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
8HDCWC	Investigator® 24plex					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

8HKWXQ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
8MPTDY	GlobalFiler™ GF & GFExpress					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
8N62MK	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	ND
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	ND	ND	17,19	9,9.3	8,9
	15,17	ND	ND	ND	ND	
8P6Z6T	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
8QYPAM	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
8XWU7R	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
944BDR	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

94F3X2	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	NR				
94U4GQ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
99PDWM	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
9A23CT	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
9BPR32	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
9BQJ2A	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
9CQXMM	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	no result			no result	

TABLE 2

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

Item 1 - STR Results

9DFT9P	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
9DHFP4	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
9GGYLA	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
9HV86W	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
9JAUGG	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
9Q3JRM	PowerPlex® Fusion 5c (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
9RRTL	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

9RZ42M	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	No Results			No Results	
9T9FJN	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	No Results			No Results	
9TB7RR	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
9TG6DM	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
9TW3BZ	Investigator® 24plex					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
9UNM3K	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
9UNQLM	PowerPlex® Fusion 6C Direct					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

9VTT2L	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
9WRUAX	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
9ZHJZA	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
A9XTMH	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
ABLYRU	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
ABPVKG	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
ABXNTQ	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

ADEBQK	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	No Results			No Results	
AH6KZJ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
AJ3VT2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
ALU6TU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
AMQ6HR	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
AMXBZH	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	--				
AN8DVT	NGM SElect					
	11,16	20,24	11,14	15,16		
1		12,13	13,15	17,20		11,13
	14,16	12,14	28,32.2	15,16	XX	
	20,21			17,19	9,9.3	
	15,17					

TABLE 2

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

Item 1 - STR Results

AQKMGY	GlobalFiler™ PCR Amplification Kit					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
ATBCXD	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
AVECQX	GlobalFiler™ Express					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
AX79EP	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
B2DQVC	PowerPlex® Fusion5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
B3V6GN	PowerPlex® Fusion 6C Direct					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
B3WCUU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

B467DU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
B46CLZ	Identifiler® Plus					
		20,24		15,16	11,13	
1	8,11	12,13			12,12	11,13
	14,16	12,24	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					
B6T4LF	PowerPlex® Fusion (STRMix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
B8MDTG	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
B9V9WF	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
BBNAKW	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
BCUFGD	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

BCXZLQ	PowerPlex® ESX 17 Fast					
	11,16	20,24	11,14	15,16		
1		12,13	13,15	17,20		11,13
	14,16	12,14	28,32.2	15,16	X,X	
	20,21			17,19	9,9.3	
	15,17					
BCZ8N6	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
BE8BWU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
BEYQBD	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
BF267L	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
BFPEPG	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
BFY6YC	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

BGH98Q	PowerPlex® Fusion (TrueAllele)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
BGQMY7	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
BHB7FX	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	NT
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	NT	NT	17,19	9,9.3	8,9
	15,17	NR	NT	NT	NR	
BKBEHM	Identifiler® Plus					
		20,24		15,16	11,13	
1	8,11	12,13			12	11,13
	14,16	12,14	28,32.2		XX	9,12
	20,21				9,9.3	8,9
	15,17					
BNBPDL	PowerPlex® Fusion, 21, Verifiler Express					
	11,16	20,24	11,14	15,16	11,13	13,17
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
BNQ3MT	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
BNTRVW	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

BRB9MV	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
BVN7LJ	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
BW4YPE	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
BWGMTR	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
BWR2T9	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
BY9E8J	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
BYEVCU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	

TABLE 2

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

Item 1 - STR Results

BYUX7X	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
C2TEHD	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
C4773M	PowerPlex® Fusion 6C Direct					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
C6EJKN	PowerPlex® Fusion 6C Direct					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
CA9F8U	GlobalFiler™ Express					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
CALHR3	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
CBF9XG	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

CDBAA6	PowerPlex® 21					
	11,16	20,24		15,16	11,13	NR,NR
1	8,11	12,13		17,20	12,12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
CE2KZX	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
CEE84K	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
CEU74H	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
CHZU3Y	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
CJHZC9	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
CK8AKP	Identifiler® Plus					
		20,24		15,16	11,13	
1	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

CKLTVN	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	-
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	-	-	17,19	9,9.3	8,9
	15,17	-	-	-	-	-
CM9WMP	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
CNZV2M	PowerPlex® Fusion 5C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
CP24BD	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
CTGBDZ	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
CTLZ4X	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
CTMNR2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	no results			no results	

TABLE 2

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

Item 1 - STR Results

CU8CJN	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
CUAMCQ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
CUTRRY	Investigator® 24plex					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-				
CVREKB	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
CWKKMM	GlobalFiler™ (STRmix v2.5)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
CWM4X4	NGM-SElect					
	11,16	20,24	11,14	15,16		
1		12,13	13,15	17,20		11,13
	14,16	12,14	28,32.2	15,16	X,X	
	20,21			17,19	9,9.3	
	15,17					
CWNWB	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

D2QKBX	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
D2RD97	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
D4336M	Identifiler® Plus					
	--	20,24	--	15,16	11,13	--
1	8,11	12,13	--	--	12	11,13
	14,16	12,14	28,32.2	--	XX	9,12
	20,21	--	--	--	9,9.3	8,9
	15,17	--	--	--	--	
D78PMX	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	no result			no result	
D83A8C	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
DA4C2W	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
DAKNLM	GlobalFiler™ Direct					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

DCM6KW	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
DDJYGM	GlobalFiler™ Direct					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
DFA8VF	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
DFKNHP	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
DG6VA6	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
DMMLNF	PowerPlex® Fusion 5C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
DMRZAF	GlobalFiler™ (LRmix Studio software (v. 2.1.5))					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

DNGLAX	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
DNJY9M	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
DNYTTF	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
DTHNV8	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
DVJWZH	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
DXMB83	Identifiler® Plus					
		20,24		15,16	11,13	
1	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					
E33HMU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

E4DJGR	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
E4HV6N	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
E4UPTB	Identifiler®					
		20,24		15,16	11,13	
1	8,11	12,13			12	11,13
	14,16	12,14	28,32.2		X	9,12
	20,21				9,9.3	8,9
	15,17					
E4ZUG3	PowerPlex® 21					
	11,16	20,24		15,16	11,13	13,17
1	8,11	12,13		17,20	12,12	11,13
	14,16	12,14	28,32.2		XX	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
E6944Q	PowerPlex® 21					
	11,16	20,24		15,16	11,13	13,17
1	8,11	12,13		17,20	12,12	11,13
	14,16	12,14	28,32.2		XX	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
E73QQ6	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
E9ZTDE	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

EBEH9J	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
EBFG7X	GlobalFiler™ (STRMix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
EBWMFV	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
EDBYU7	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
EE9AUF	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
EEGXNE	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
EGKQHD	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	

TABLE 2

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

Item 1 - STR Results

EHYVT2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
EJD3EH	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17	-			-	
EJQRHV	PowerPlex® Fusion (TrueAllele)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
EKWEHV	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
ENXE4L	GlobalFiler™ (STRMix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
EPNLZ4	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
EQTQ82	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	

TABLE 2

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

Item 1 - STR Results

EU9A24	PowerPlex® Fusion 6C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17	NR	NR	NR		
EUH3FX	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
EV6NM2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
EVYJYA	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
EY2GCP	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
EYZLUE	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
F3XJX6	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

F63ARD	Investigator® 24plex					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-				
F64XEH	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17	ND	ND	ND		
F8UA2T	PowerPlex® Plus					
		20,24		15,16	11,13	
1	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		XX	9,12
	20,21				9,9.3	8,9
	15,17					
FA8KQD	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
FDDV2V	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
FKE88C	Identifiler® Plus					
		20,24		15,16	11,13	
1	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		XX	9,12
	20,21				9,9.3	8,9
	15,17					
FLB3U9	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

FLMVDN	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
FMNGD9	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
FMQ8LC	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
FNWPK9	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
FQ9K7Z	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
FRW6QB	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
FTUAQD	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

FVHHYT	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	NR				
FVWUC	PowerPlex® Fusion (STRMix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
FVZXP	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
FWM3VN	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
FX44AA	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
G3AHD	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
G3D3HZ						
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

G49M3D	GlobalFiler™						
		11,16	20,24	11,14	15,16	11,13	
	1	8,11	12,13	13,15	17,20	12	11,13
		14,16	12,14	28,32.2	15,16	X	9,12
		20,21			17,19	9,9.3	8,9
	15,17	ND			ND		
G7NB8K	GlobalFiler™						
		11,16	20,24	11,14	15,16	11,13	
	1	8,11	12,13	13,15	17,20	12,12	11,13
		14,16	12,14	28,32.2	15,16	XX	9,12
		20,21			17,19	9,9.3	8,9
	15,17						
G7TAKM	PowerPlex® ESX17, PPHS16, Yfiler™						
		11,16	20,24	11,14	15,16	11,13	
	1	8,11	12,13	13,15	17,20	12	11,13
		14,16	12,14	28,32.2	15,16	X	9,12
		20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17						
G8TTKA	GlobalFiler™						
		11,16	20,24	11,14	15,16	11,13	
	1	8,11	12,13	13,15	17,20	12,12	11,13
		14,16	12,14	28,32.2	15,16	XX	9,12
		20,21			17,19	9,9.3	8,9
	15,17						
G96AZ9	GlobalFiler™						
		11,16	20,24	11,14	15,16	11,13	
	1	8,11	12,13	13,15	17,20	12,12	11,13
		14,16	12,14	28,32.2	15,16	XX	9,12
		20,21			17,19	9,9.3	8,9
	15,17						
G9C7XT	GlobalFiler™						
		11,16	20,24	11,14	15,16	11,13	
	1	8,11	12,13	13,15	17,20	12	11,13
		14,16	12,14	28,32.2	15,16	X	9,12
		20,21			17,19	9,9.3	8,9
	15,17						
GDUQBF	PowerPlex® Fusion 6C Direct						
		11,16	20,24	11,14	15,16	11,13	
	1	8,11	12,13	13,15	17,20	12	11,13
		14,16	12,14	28,32.2	15,16	X	9,12
		20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17						

TABLE 2

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

Item 1 - STR Results

GF34RE	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
GF4U7A	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
GFAY7M	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
GFQ8W3	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
GL8RLH	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
GMBB46	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
GMGRQP	GlobalFiler™ Express					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

GNXZZB	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
GRWULE	Identifiler®, NGM					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21				9,9.3	8,9
	15,17					
GTWDZA	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
GTYZHN	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
GY6RQL	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
H2ACJR	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
H2DYXK	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	

TABLE 2

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

Item 1 - STR Results

H394L7	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
H4EPV6	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
H4Y2Z6	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
H6F2RD	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
H8GJVU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
H8LQQV	PowerPlex® 5C, 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
H9AG2F	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

H9H4C3	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
HDU734	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
HEFR33	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
HEREQH	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
HFJFAK	Identifiler® Plus					
		20,24		15,16	11,13	
1	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					
HFV6DW	GlobalFiler™ (STRMix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
HGRLGV	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

HJZYW3	Investigator® 24plex QS					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-				
HLFWBL	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
HLGLG4	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
HN4JPU	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
HNMQAW	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
HP9489	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
HPN26K	GlobalFiler™ (STRmix v2.4.05)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

HR8L4G	PowerPlex® Fusion 6C Direct					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
HTZLWL	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
HV8U8R	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
HYHK6Z	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
J3WKTE	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
J4DR33	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
J68DWU	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

J97U9N	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
JCBX2G	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
JCKDAH	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
JCUNHE	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
JECTWD	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
JHB4TD	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
JHLTBH	PowerPlex® Fusion (TrueAllele)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

JJP3VW	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
JKAZYL	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
JKXDPE	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
JLT4T9	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
JN2GU2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
JN4HXT	GlobalFiler™ PCR Amplification Kit					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
JNJMUQ	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

JQU8DK	Identifiler® Plus					
		20,24		15,16	11,13	
1	8,11	12,13			12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					
JTFTB	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
JU43MJ	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
JUM7W6	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
JVTL3W	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
JXMGT6	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
K2M4LE	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

K7E4DA	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
K9NYGC	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	No result			No result	
KA4MCQ	PowerPlex® Fusion (TrueAllele)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
KAFLRA	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
KBXAQF	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	INC				
KCPNLL	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
KCRZU9	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	

TABLE 2

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

Item 1 - STR Results

KEQUY7	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
KFQBCA	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	NR				
KHGTUF	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
KJCEGE	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
KKM6LQ	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
KL8MD6	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
KNKMZ4	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	

TABLE 2

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

Item 1 - STR Results

KPA9ZM	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
KR2ZEE	GlobalFiler™ Direct					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
KRNWY8	NGM SElect					
	11,16	20,24	11,14	15,16		
1		12,13	13,15	17,20		11,13
	14,16	12,14	28,32.2	15,16	XX	
	20,21			17,19	9,9.3	
	15,17					
KRVEHD	PowerPlex® Fusion 5C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
KU3PEG	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
KYF46D	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
L33UG4	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

L4ACBQ	PowerPlex® Fusion (Lab Retriever)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
L7ZBTV	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
L8LYC7	PowerPlex® Fusion 5C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
L8MNKA	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
LAJ8DF	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
LDZURK	Identifiler® Plus					
		20,24		15,16	11,13	
1	8,11	12,13			12	11,13
	14,16	12,14	28,32.2		X	9,12
	20,21				9,9.3	8,9
	15,17					
LF4KZL	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	

TABLE 2

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

Item 1 - STR Results

LFFHWR	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
LG99EA	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17				-	
LNRVZC	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
LP4XJP	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
LQ9BZB	NGM SElect (LRmix Studio)					
	11,16	20,24	11,14	15,16		
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	
	15,17					
LQYCDA	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
LRCBLH	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	

TABLE 2

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

Item 1 - STR Results

LWULT7	Investigator® 24plex (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
LX9TEM	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
LXL27H	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
LY4FTC	PowerPlex® Fusion (STRMix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	INC				
LYCQ96	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
M4XLBF	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
M744AB	PowerPlex® Fusion 5C (STRmix (Version 2.3.07))					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

M8PWYR	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
M93T6Y	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
M9XTWD	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
MBP9MT	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17	NR	NR	NR		
MCH7RE	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
MDNZG7	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
MENQQY	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	

TABLE 2

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

Item 1 - STR Results

MEPVDG	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
MER64Y	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
MLGKC8	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
MLJNAA	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
MLZXZP	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
MM4A9C	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
MMBMGF	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

MMVLED	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
MP4NBB	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
MP8ZJZ	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
MQW78Y	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
MV8HGY	Investigator® 24plex QS					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
MVJZ3C	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
MWJC4R	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

MW7XZ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
MXJQP6	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	NR				
N2AKRD	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
N6AWMD	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
N6WNWH	PowerPlex® 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
N87G2J	GlobalFiler™ Express					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
NA3XM7	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

NBJUGQ	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
NBVTAE	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
ND9MN9	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
NJYZG8	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
NK7C8X	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
NPF9NX	Investigator® 24plex QS					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
NTEKBY	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	---				

TABLE 2

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

Item 1 - STR Results

NTHEF4	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
NU99VF	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
NVLGZF	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
NWZTUD	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
NYRQGB	Identifiler® Plus					
		20,24		15,16	11,13	
1	8,11	12,13			12	11,13
	14,16	12,14	28,32.2		XX	9,12
	20,21				9,9.3	8,9
	15,17					
P2UT36	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
P747K4	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	

TABLE 2

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

Item 1 - STR Results

P87U8A	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
P9U9PR	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
PA3LYV	Investigator® 24plex QS					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
PB674A	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
PG673X	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
PG7PYD	Identifiler® Plus					
		20,24		15,16	11,13	
1	8,11	12,13			12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					
PHEV9A	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

PM6ATB	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	N/A			N/A	
PMFK22	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
PNEV8X	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
PNMXPX	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
PNP6WC	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
PP24RK	GlobalFiler™ PCR Amplification Kit					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
PP2K2H	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	

TABLE 2

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

Item 1 - STR Results

PPXFC	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
PQW8F8	PowerPlex® Fusion, GlobalFiler™ Express					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17	-			-	
PRGJZ2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
PTZEMK	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
PUCF47	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
PV4HQN	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
PVH447	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

PWT6P6	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
PX96AU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
PXDJVT	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
PYE7XT	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
PYJLJP	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
PYQRP9	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
Q4WD4D	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

Q7V2EM	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
Q8G9UA	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
Q929QT	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
QACQC6	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
QBRQVU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
QC8CXN	GlobalFiler™ Express					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
QE8GXP	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

QEER7F	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
QJBARJ	PowerPlex® Fusion (TrueAllele)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
QK7X79	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	INC				
QPQBB4	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
QUHYTP	Identifiler® Plus					
		20,24		15,16	11,13	
1	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					
QVHY8F	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
QX2H87	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

R42GV2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
R9223C	GlobalFiler™ (Genemapper ID-X 1.5)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
RBHDK4	Identifiler® Plus					
		20,24		15,16	11,13	
1	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					
RCAGWX	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
RGWFX7	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
RL66F9	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
RLM3HD	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	

TABLE 2

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

Item 1 - STR Results

RLNRQG	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
RLUQEW	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	ND
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	ND	ND	17,19	9,9.3	8,9
	15,17	ND	ND	ND	ND	
RMYJWC	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
RNDHYV	PowerPlex® Fusion 5c					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
RNFQ6E	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
RNXLXZ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
RNZAK6	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NSD			NSD	

TABLE 2

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

Item 1 - STR Results

RTWTQA	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
RUD2VY	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
RUYFJC	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
RWRQQ2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
RXFXME	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
RXNLJY	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
T3AFW6	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

T4C83B	PowerPlex® Fusion (TrueAllele)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
T4PZGT	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
T6ZKKU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
T8HNG2	Identifiler® Plus					
		20,24		15,16	11,13	
1	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		XX	9,12
	20,21				9,9.3	8,9
	15,17					
TDDR4H	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	no results			no results	
TJFKXT	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
TKA24C	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	

TABLE 2

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

Item 1 - STR Results

TKXYJ6	PowerPlex® Fusion 6C Direct					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
TL4B9T	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
TMW9GY	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
TNFWDL	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
TP7BJA	PowerPlex® Fusion (TrueAllele)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
TRNFY9	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
TRVHTM	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

TV4M2V	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
TVN9RZ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
TW3NA8	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	No Result			No Result	
TWPFHD	Investigator® 24plex GO!					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
U28LGQ	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
U38AQV	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
U4Y96T	Investigator® 24plex QS					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

U4ZXDW	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
U63PHH	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	No results			No results	
U68ZZA	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
U6FYBX	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
U78YBU	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
U8FNF7	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
U8X4QW	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

UAPHER	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
UAZ2Y4	PowerPlex® Fusion 5C (STRMix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
UBJJZA	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
UEJPK8	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
UEKCKQ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
UG29MJ	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
UGBB2B	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

UGLDEB	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
UHBK3Z	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
UHFVY7	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
UHKMGQ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
UHN3TR	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
UJAL4K	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
UKJF37	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

UMXH3F	PowerPlex® Fusion (TrueAllele)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
UN2TMT	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
UNT7G6	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	INC				
UQELY2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
UQTCLR	Investigator® 24plex QS					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
UUP4R3	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
UUZGRL	GlobalFiler™ Express					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

V3ENFV	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
V66PLJ	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
V68EYE	GlobalFiler™ PCR Amplification Kit					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
V8JJP6	Investigator® 24plex QS					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-				
VDKR2Y	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	No Results			No Results	
VEBJR6	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
VFAZAE	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

VFKG6L	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
VGJ3XX	Investigator® 24plex GO!					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR				
VGVHQK	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
VL94ZR	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
VMMAD2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
VP2F6V	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
VRL2M6	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	

TABLE 2

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

Item 1 - STR Results

VRLHM3	GlobalFiler™ Direct					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
VU42R2	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
VULBK2	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
WV6P8	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
VX6Q69	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
VXG2EY	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
VXKLF2	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

W7HFKD	GlobalFiler™ PCR Amplification kit					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
WA4LEM	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
WBGU83	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	NA
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	NA	NA	17,19	9,9.3	8,9
	15,17	NR	NA	NA	NR	
WCTUJH	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
WFKXTU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
WG3CE7	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
WHCDBC	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

WM7RZ3	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
WNLJDW	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
WPCXBM	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
WPVGHF	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
WQQ6W4	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
WRUKM2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
WVKZR9	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	

TABLE 2

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

Item 1 - STR Results

WWBFPY	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	no results			no results	
WZGKXD	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
X2KYHQ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
X2VJWM	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
X3CFL2	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
XAYLHU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
XBMFYU	GlobalFiler™ Direct					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

XEGV7C	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
XEZJN7	PowerPlex® Fusion 5C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
XF7EJ3	Identifiler® Plus					
		20,24		15,16	11,13	
1	8,11	12,13			12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					
XLT9G3	PowerPlex® Fusion 6C Direct					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
XMJ7WV	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
XMUR9X	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
XMWENP	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

XP4UWG	Identifiler® Plus					
		20,24		15,16	11,13	
1	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					
XQY9Q2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
XVHR3M	Investigator® 24plex QS					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-				
XVYWD	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
XVWH7X	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
Y6R89N	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
Y6VUP2	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

Y6ZTUE	GlobalFiler™ Express					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
Y76ZM3	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
Y7PG37	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
Y8LGFP	Investigator® 24plex QS					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
YDPWUY	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
YEY7F4	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
YL8TZX	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	

TABLE 2

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

Item 1 - STR Results

YMWUFG	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
YNRVH6	Investigator® 24plex GO!					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
YU6JPE	GlobalFiler™, MiniFiler					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	no result			no result	
YVC38M	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
YXD427	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
YXEUA	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
YXHGN3	GlobalFiler™ Direct					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

YXKTWQ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
YZJM2N	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
Z2RH6L	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
Z4L49W	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
Z9WRQP	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
ZA6TRZ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
ZB8FN4	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	ND				

TABLE 2

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

Item 1 - STR Results

ZBT36T	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	----			----	
ZBVTDW	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
ZCWKK3	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
ZEMLQQ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
ZERGTH	Investigator® 24plex					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
ZGANTB	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	no results			no results	
ZJ2KG6	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 1 - STR Results

ZK632P	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
ZK6HBM	Investigator® 24plex QS					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
ZP34D9	Identifiler® Plus					
		20,24		15,16	11,13	
1	8,11	12,13			12,12	11,13
	14,16	12,24	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					
ZPZ8XL	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
ZV9QYY	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
ZVQLRK	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
ZW2P87	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	

TABLE 2

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

Item 1 - STR Results

ZXDCQ7	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
ZYTMU3	Identifiler® Plus					
		20,24		15,16	11,13	
1	8,11	12,13			12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					
ZZMRDW	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
1	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 2 - STR Results

26DGDZ	PowerPlex®, PowerPlex®ESX17Fast					
	14,18.3	17,24	10,14	15,18		
2		14,15	14,15	17,23		11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	
	19,22			28.2,28.2	9.3,9.3	
	14,18					
29F3ZH	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
2A87MZ	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
2APQVB	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
2EDC8P	GlobalFiler™ (TrueAllele)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
2G6PWH	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
2G7ZUR	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	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 2 - STR Results

2GQ3UT	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
2JB6CZ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
2JFB2A	PowerPlex® Fusion 6C, GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17	2	
2LGGEU	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
2NAACZ	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
2PQEDW	PowerPlex® Fusion (STRmix v2.3.07)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
2RWWCT	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	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 2 - STR Results

2TXACD	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
2W2NDJ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
2YGVBE	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
2ZDX39	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
2ZKX7G	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
32HFAX	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
32HH2N	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	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

34W9WP	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
36LUW9	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
3743JW	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	NT
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	NT	NT	28.2,28.2	9.3,9.3	8,9
	14,18	10	NT	NT	2	
37KJUC	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
37WXRF	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10				
39NJQ3	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
3AWAKU	PowerPlex® Fusion 5C (STRmix v2.3.07)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	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 2 - STR Results

3DDPW8	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
3ENG43	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
3GVCLQ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
3KPXWT	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
3PTVB2	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
3R3VG9	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
3UABPX	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

42PZDX	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
43CZW3	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
4636LR	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
46Y3N4	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
48DRGK	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
4BTYLT	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
4BUC4Z	PowerPlex® ES116 Fast, in-house					
	14,18.3	17,24	10,14	15,18		
2		14,15	14,15	17,23		11
	13,16	13,14	30,2,31.2	11,17	X,Y	
	19,22				9.3	
	14,18					

TABLE 2

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

Item 2 - STR Results

4H6GZE	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
4KJKRQ	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
4KYA4W	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
4LPN2M	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
4MGMG8	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
4T82ZL	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
4UG36T	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	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

4UWMXY	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
4UZQMN	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
4VQD2R	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
4WTKFA	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
4YGXG2	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
638DTN	Identifiler® Plus					
		17,24		15,18	11,12	
2	9,11	14,15			11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
639LZT	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 2 - STR Results

63VYX8	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
64C768	GlobalFiler™, MiniFiler					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
66X7PX	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
682QTX	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	[8],9
	14,18	10			2	
68JC9N	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
69H6A7	Identifiler® Plus					
		17,24		15,18	11,12	
2	9,11	14,15			11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
6HHARH	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 2 - STR Results

6J2V2J	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
6KDPKP	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
6NN7WU	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
6NVFZD	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
6QXPYG	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
6UFBQX	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
6W4KMZ	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	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

6WHCQV	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
6WTZ92	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
6X3U63	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
7388AE	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
74GFX6	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
74LK43	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
74VEYN	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	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

74Z6GL	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
7669VN	PowerPlex® Fusion 5					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
773LFV	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
7798BW	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
77VK99	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
78Q9KC	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
7A8LYL	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

7AQEQJ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
7DMC3V	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
7FR8LU	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
7GPW7V	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
7HBHGD	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
7J9QPW	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
7JY3KA	PowerPlex® 21					
	14,18.3	17,24		15,18	11,12	11,20
2	9,11	14,15		17,23	11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18					

TABLE 2

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

Item 2 - STR Results

7MW4M6	GlobalFiler™ PCR Amplification Kit					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
7N3PZL	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		
7QTQ3N	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
7TCURL	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
7UUT7U	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	NT
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	NT	NT	28.2,28.2	9.3,9.3	8,9
	14,18	10	NT	NT	2	
7XA7TC	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10				
839HGT	PowerPlex® Fusion (TrueAllele)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	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 2 - STR Results

83FH64	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
83L9DT	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
83PJGA	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
84GF74	Identifiler® Plus					
		17,24		15,18	11,12	
2	9,11	14,15			11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
84Y4CJ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
89W22W	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
8AN3RU	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

8DBNQU	Identifiler® Plus					
		17,24		15,18	11,12	
2	9,11	14,15			11,12	11,11
	13,16	13,14	30,2,31.2		X,Y	11,11
	19,22				9,3,9,3	8,9
	14,18					
8DJHWP	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9,3	8,9
	14,18	10				
8FCMTN	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9,3	8,9
	14,18	10			2	
8G4RFU	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9,3	8,9
	14,18	10	20	17		
8GLMXV	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9,3,9,3	8,9
	14,18	10			2	
8HDCWC	Investigator® 24plex					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9,3	8,9
	14,18	10				
8HKWXQ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9,3,9,3	8,9
	14,18	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 2 - STR Results

8MPTDY	GlobalFiler™ GF & GFExpress					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
8N62MK	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
8P6Z6T	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
8QYPAM	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
8XWU7R	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
944BDR	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
94F3X2	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	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 2 - STR Results

94U4GQ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
99PDWM	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
9A23CT	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
9BPR32	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
9BQJ2A	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
9CQXMM	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
9DFT9P	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

9DHFP4	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
9GGYLA	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
9HV86W	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
9JAUGG	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
9Q3JRM	PowerPlex® Fusion 5c (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
9RRTLJ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
9RZ42M	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

9T9FJN	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
9TB7RR	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
9TG6DM	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
9TW3BZ	Investigator® 24plex					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10				
9UNM3K	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
9UNQLM	PowerPlex® Fusion 6C Direct					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
9VT2L	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	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 2 - STR Results

9WRUAX	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
9ZHJZA	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
A9XTMH	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
ABLRYU	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
ABPVKG	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
ABXNTQ	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
ADEBQK	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

AH6KZJ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
AJ3VT2	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
ALU6TU	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
AMQ6HR	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
AMXBZH	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10				
AN8DVT	NGM SSelect					
	14,18.3	17,24	10,14	15,18		
2		14,15	14,15	17,23		11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	
	19,22			28.2,28.2	9.3,9.3	
	14,18					
AQKMGY	GlobalFiler™ PCR Amplification Kit					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 2 - STR Results

ATBCXD	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
AVECQX	GlobalFiler™ Express					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
AX79EP	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
B2DQVC	PowerPlex® Fusion5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10				
B3V6GN	PowerPlex® Fusion 6C Direct					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
B3WCUU	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
B467DU	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

B46CLZ	Identifiler® Plus					
		17,24		15,18	11,12	
2	9,11	14,15			11,12	11,11
	13,16	13,14	30,2,31.2		X,Y	11,11
	19,22				9,3,9,3	8,9
	14,18					
B6T4LF	PowerPlex® Fusion (STRMix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
B8MDTG	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
B9V9WF	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
BBNAKW	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
BCUFGD	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9,3,9,3	8,9
	14,18	10			2	
BCXZLQ	PowerPlex® ESX 17 Fast					
	14,18.3	17,24	10,14	15,18		
2		14,15	14,15	17,23		11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	
	19,22			28.2,28.2	9,3,9,3	
	14,18					

TABLE 2

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

Item 2 - STR Results

BCZ8N6	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
BE8BWU	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
BEYQBD	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
BF267L	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
BFPEPG	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
BFY6YC	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10				
BGH98Q	PowerPlex® Fusion (TrueAllele)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	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 2 - STR Results

BGQMY7	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
BHB7FX	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	NT
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	NT	NT	28.2	9.3	8,9
	14,18	10	NT	NT	2	
BKBEHM	Identifiler® Plus					
		17,24		15,18	11,12	
2	9,11	14,15			11,12	11
	13,16	13,14	30.2,31.2		X,Y	11
	19,22				9.3	8,9
	14,18					
BNBPDL	PowerPlex® Fusion, 21, Verifiler Express					
	14,18.3	17,24	10,14	15,18	11,12	11,20
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10			2	
BNQ3MT	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
BNTRVW	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
BRB9MV	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 2 - STR Results

BVN7LJ	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
BW4YPE	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10,10			2,2	
BWGMTR	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
BWR2T9	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
BY9E8J	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
BYEVCU	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
BYUX7X	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

C2TEHD	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
C4773M	PowerPlex® Fusion 6C Direct					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
C6EJKN	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
CA9F8U	GlobalFiler™ Express					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
CALHR3	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
CBF9XG	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
CDBAA6	PowerPlex® 21					
	14,18.3	17,24		15,18	11,12	11,20
2	9,11	14,15		17,23	11,12	11,11
	13,16	13,14	30,2,31.2		X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18					

TABLE 2

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

Item 2 - STR Results

CE2KZX	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
CEE84K	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
CEU74H	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
CHZU3Y	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
CJHZC9	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
CK8AKP	Identifiler® Plus					
		17,24		15,18	11,12	
2	9,11	14,15			11,12	11,11
	13,16	13,14	30,2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
CKLTVN	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	-
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	-	-	28.2,28.2	9.3,9.3	8,9
	14,18	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 2 - STR Results

CM9WMP	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
CNZV2M	PowerPlex® Fusion 5C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
CP24BD	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
CTGBDZ	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
CTLZ4X	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
CTMNR2	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
CU8CJN	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 2 - STR Results

CUAMCQ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
CUTRRY	Investigator® 24plex					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10				
CVREKB	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
CWKKMM	GlobalFiler™ (STRmix v2.5)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
CWM4X4	NGM-SElect					
	14,18.3	17,24	10,14	15,18		
2		14,15	14,15	17,23		11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	
	19,22			28.2,28.2	9.3,9.3	
	14,18					
CWNWB	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
D2QKBX	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

D2RD97	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
D4336M	Identifiler® Plus					
	--	17,24	--	15,18	11,12	--
2	9,11	14,15	--	--	11,12	11
	13,16	13,14	30,2,31.2	--	X,Y	11
	19,22	--	--	--	9.3	8,9
	14,18	--	--	--	--	
D78PMX	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
D83A8C	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
DA4C2W	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
DAKNLM	GlobalFiler™ Direct					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
DCM6KW	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	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

DDJYGM	GlobalFiler™ Direct					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
DFA8VF	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
DFKNHP	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
DG6VA6	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
DMMLNF	PowerPlex® Fusion 5C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
DMRZAF	GlobalFiler™ (LRmix Studio software (v. 2.1.5))					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
DNGLAX	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	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

DNJY9M	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
DNYTTF	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
DTHNV8	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
DVJWZH	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
DXMB83	Identifiler® Plus					
		17,24		15,18	11,12	
2	9,11	14,15			11,12	11,11
	13,16	13,14	30,2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
E33HMU	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
E4DJGR	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

E4HV6N	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
E4UPTB	Identifiler®					
		17,24		15,18	11,12	
2	9,11	14,15			11,12	11
	13,16	13,14	30.2,31.2		X,Y	11
	19,22				9.3	8,9
	14,18					
E4ZUG3	PowerPlex® 21					
	14,18.3	17,24		15,18	11,12	11,20
2	9,11	14,15		17,23	11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18					
E6944Q	PowerPlex® 21					
	14,18.3	17,24		15,18	11,12	11,20
2	9,11	14,15		17,23	11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18					
E73QQ6	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
E9ZTDE	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
EBEH9J	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	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

EBFG7X	GlobalFiler™ (STRMix)						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30,2,31.2	11,17	X,Y	11,11
		19,22			28.2,28.2	9.3,9.3	8,9
		14,18	10			2	
EBWMFV	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
EDBYU7	PowerPlex® Fusion						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22	8,10	17,20		9.3	8,9
		14,18	10				
EE9AUF	PowerPlex® Fusion 6C						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22	8,10	17,20	28.2	9.3	8,9
		14,18	10	20	17		
EEGXNE	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30,2,31.2	11,17	X,Y	11,11
		19,22			28.2,28.2	9.3,9.3	8,9
		14,18	10			2	
EGKQHD	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
EHYVT2	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30,2,31.2	11,17	X,Y	11,11
		19,22			28.2,28.2	9.3,9.3	8,9
		14,18	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 2 - STR Results

EJD3EH	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
EJQRHV	PowerPlex® Fusion (TrueAllele)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
EKWEHV	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
ENXE4L	GlobalFiler™ (STRMix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
EPNLZ4	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
EQTQ82	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
EU9A24	PowerPlex® Fusion 6C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	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

EUH3FX	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
EV6NM2	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30,2,31.2	11,17	X,Y	11,11
		19,22			28.2,28.2	9.3,9.3	8,9
		14,18	10			2	
EYJYA	PowerPlex® Fusion 5C						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22	8,10	17,20		9.3	8,9
		14,18	10				
EY2GCP	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
EYZLUE	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
F3XJX6	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
F63ARD	Investigator® 24plex						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	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 2 - STR Results

F64XEH	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		
F8UA2T	PowerPlex® Plus					
		17,24		15,18	11,12	
2	9,11	14,15			11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
FA8KQD	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
FDDV2V	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
FKE88C	Identifiler® Plus					
		17,24		15,18	11,12	
2	9,11	14,15			11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
FLB3U9	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
FLMVDN	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

FMNGD9	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
FMQ8LC	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
FNWPK9	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
FQ9K7Z	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
FRW6QB	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
FTUAQD	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
FVHHYT	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	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 2 - STR Results

FVWUC	PowerPlex® Fusion (STRMix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
FVZXP	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
FWM3VN	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
FX44AA	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
G3AHD	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
G3D3HZ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
G49M3D	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

G7NB8K	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30,2,31.2	11,17	X,Y	11,11
		19,22			28.2,28.2	9.3,9.3	8,9
		14,18	10			2	
G7TAKM	PowerPlex® ESX17, PPHS16						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22	8,10	17,20	28.2	9.3	8,9
		14,18	10				
G8TTKA	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30,2,31.2	11,17	X,Y	11,11
		19,22			28.2,28.2	9.3,9.3	8,9
		14,18	10			2	
G96AZ9	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30,2,31.2	11,17	X,Y	11,11
		19,22			28.2,28.2	9.3,9.3	8,9
		14,18	10			2	
G9C7XT	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
GDUQBF	PowerPlex® Fusion 6C Direct						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22	8,10	17,20	28.2	9.3	8,9
		14,18	10	20	17		
GF34RE	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	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 2 - STR Results

GF4U7A	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
GFAY7M	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
GFQ8W3	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
GL8RLH	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		
GMBB46	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
GMGRQP	GlobalFiler™ Express					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
GNXZZB	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

GRWULE	Identifiler®, NGM					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22				9.3	8,9
	14,18					
GTWDZA	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
GTYZHN	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
GY6RQL	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
H2ACJR	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
H2DYXK	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
H394L7	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	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

H4EPV6	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
H4Y2Z6	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
H6F2RD	PowerPlex® Fusion						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30,2,31.2	11,17	X,Y	11,11
		19,22	8,10	17,20		9.3,9.3	8,9
		14,18	10				
H8GJVU	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
H8LQQV	PowerPlex® 5C, 6C						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22	8,10	17,20	28.2	9.3	8,9
		14,18	10	20	17		
H9AG2F	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30,2,31.2	11,17	X,Y	11,11
		19,22			28.2,28.2	9.3,9.3	8,9
		14,18	10			2	
H9H4C3	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	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 2 - STR Results

HDU734	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
HEFR33	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
HEREQH	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
HFJFAK	Identifiler® Plus					
		17,24		15,18	11,12	
2	9,11	14,15			11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
HFW6DW	GlobalFiler™ (STRMix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
HGRLGV	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
HJZYW3	Investigator® 24plex QS					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

HLFWBL	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
HLGLG4	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
HN4JPU	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
HNMQAW	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
HP9489	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
HPN26K	GlobalFiler™ (STRmix v2.4.05)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
HR8L4G	PowerPlex® Fusion 6C Direct					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	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

HTZLWL	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
HV8U8R	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
HYHK6Z	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10				
J3WKTE	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
J4DR33	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
J68DWU	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
J97U9N	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 2 - STR Results

JCBX2G	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
JCKDAH	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10				
JCUNHE	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
JECTWD	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
JHB4TD	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
JHLTBH	PowerPlex® Fusion (TrueAllele)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
JJP3VW	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 2 - STR Results

JKAZYL	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30.2,31.2	11,17	X,Y	11,11
		19,22			28.2,28.2	9.3,9.3	8,9
		14,18	10			2	
JKXDPE	PowerPlex® Fusion 6C						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30.2,31.2	11,17	X,Y	11
		19,22	8,10	17,20	28.2	9.3	8,9
		14,18	10	20	17		
JLT4T9	PowerPlex® Fusion						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30.2,31.2	11,17	X,Y	11
		19,22	8,10	17,20		9.3	8,9
		14,18	10				
JN2GU2	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30.2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
JN4HXT	GlobalFiler™ PCR Amplification Kit						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30.2,31.2	11,17	X,Y	11,11
		19,22			28.2,28.2	9.3,9.3	8,9
		14,18	10			2	
JNJMUQ	GlobalFiler™ (STRmix)						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30.2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
JQU8DK	Identifiler® Plus						
			17,24		15,18	11,12	
	2	9,11	14,15			11,12	11
		13,16	13,14	30.2,31.2		X,Y	11
		19,22				9.3	8,9
		14,18					

TABLE 2

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

Item 2 - STR Results

JTFTB	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
JU43MJ	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10				
JUM7W6	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		
JVTL3W	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
JXMGT6	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		
K2M4LE	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
K7E4DA	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

K9NYGC	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
KA4MCQ	PowerPlex® Fusion (TrueAllele)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
KAFLRA	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
KBXAQF	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	INC				
KCPNLL	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
KCRZU9	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
KEQUY7	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

KFQBCA	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
KHGTUF	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
KJCEGE	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
KKM6LQ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
KL8MD6	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		
KNKMZ4	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
KPA9ZM	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

KR2ZEE	GlobalFiler™ Direct						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
KRNWY8	NGM SSelect						
		14,18.3	17,24	10,14	15,18		
	2		14,15	14,15	17,23		11,11
		13,16	13,14	30,2,31.2	11,17	X,Y	
		19,22			28.2,28.2	9.3,9.3	
		14,18					
KRVEHD	PowerPlex® Fusion 5C (STRmix)						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22	8,10	17,20		9.3	8,9
		14,18	10				
KU3PEG	PowerPlex® Fusion						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22	8,10	17,20		9.3	8,9
		14,18	10				
KYF46D	PowerPlex® Fusion 6C						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30,2,31.2	11,17	X,Y	11,11
		19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
		14,18	10	20	17		
L33UG4	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30,2,31.2	11,17	X,Y	11,11
		19,22			28.2,28.2	9.3,9.3	8,9
		14,18	10			2	
L4ACBQ	PowerPlex® Fusion (Lab Retriever)						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30,2,31.2	11,17	X,Y	11,11
		19,22	8,10	17,20		9.3,9.3	8,9
		14,18	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 2 - STR Results

L7ZBTV	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
L8LYC7	PowerPlex® Fusion 5C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
L8MNKA	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
LAJ8DF	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
LDZURK	Identifiler® Plus					
		17,24		15,18	11,12	
2	9,11	14,15			11,12	11
	13,16	13,14	30.2,31.2		X,Y	11
	19,22				9.3	8,9
	14,18					
LF4KZL	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
LFFHWR	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

LG99EA	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
LNRVZC	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		
LP4XJP	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
LQ9BZB	NGM SElect (LRmix Studio)					
	14,18.3	17,24	10,14	15,18		
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	
	14,18					
LQYCDA	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
LRCBLH	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
LWULT7	Investigator® 24plex (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 2 - STR Results

LX9TEM	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
LXL27H	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
LY4FTC	PowerPlex® Fusion (STRMix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	INC				
LYCQ96	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
M4XLBF	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
M744AB	PowerPlex® Fusion 5C (STRmix (Version 2.3.07))					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
M8PWYR	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 2 - STR Results

M93T6Y	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
M9XTWD	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
MBP9MT	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
MCH7RE	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
MDNZG7	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
MENQQY	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
MEPVDG	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 2 - STR Results

MER64Y	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
MLGKC8	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
MLJNAA	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
MLZXZP	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
MM4A9C	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
MMBMGF	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
MMVLED	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 2 - STR Results

MP4NBB	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		
MP8ZJZ	Identifiler® Plus, PowerPlex® Fusion 6C, MiniFiler					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
MQW78Y	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
MV8HGY	Investigator® 24plex QS					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10				
MVJZ3C	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
MWJC4R	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
MWTX7Z	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

MXJQP6	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
N2AKRD	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
N6AWMD	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
N6WNWH	PowerPlex® 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
N87G2J	GlobalFiler™ Express					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
NA3XM7	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		
NBJUGQ	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	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 2 - STR Results

NBVTAE	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
ND9MN9	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
NJYZG8	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
NK7C8X	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
NPF9NX	Investigator® 24plex QS					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10				
NTEKBY	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
NTHEF4	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	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

NU99VF	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
NVLGZF	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
NWZTUD	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
NYRQGB	Identifiler® Plus					
		17,24		15,18	11,12	
2	9,11	14,15			11,12	11
	13,16	13,14	30.2,31.2		X,Y	11
	19,22				9.3	8,9
	14,18					
P2UT36	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
P747K4	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
P87U8A	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 2 - STR Results

P9U9PR	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
PA3LYV	Investigator® 24plex QS					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10				
PB674A	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
PG673X	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
PG7PYD	Identifiler® Plus					
		17,24		15,18	11,12	
2	9,11	14,15			11,12	11
	13,16	13,14	30.2,31.2		X,Y	11
	19,22				9.3	8,9
	14,18					
PHEV9A	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
PM6ATB	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

PMFK22	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
PNEV8X	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
PNMXPX	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
PNP6WC	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
PP24RK	GlobalFiler™ PCR Amplification Kit					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
PP2K2H	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
PPXFCC	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

PQW8F8	PowerPlex® Fusion, GlobalFiler™ Express					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10			2	
PRGJZ2	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
PTZEMK						
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
PUCF47	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
PV4HQN	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
PVH447	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
PWT6P6	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 2 - STR Results

PX96AU	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
PXDJVT	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
PYE7XT	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10				
PYJLJP	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
PYQRP9	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
Q4WD4D	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
Q7V2EM	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

Q8G9UA	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
Q929QT	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
QACQC6	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
QBRQVU	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
QC8CXN	GlobalFiler™ Express					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
QEBGXP	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
QEER7F	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

QJBARJ	PowerPlex® Fusion (TrueAllele)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
QK7X79	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	INC				
QPQBB4	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
QUHYTP	Identifiler® Plus					
		17,24		15,18	11,12	
2	9,11	14,15			11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
QVHY8F	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
QX2H87	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
R42GV2	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 2 - STR Results

R9223C	GlobalFiler™ (Genemapper ID-X 1.5)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
RBHDK4	Identifiler® Plus					
		17,24		15,18	11,12	
2	9,11	14,15			11,12	11,11
	13,16	13,14	30,2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
RCAGWX	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
RGWFX7	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
RL66F9	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
RLM3HD	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
RLNRQG	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

RLUQEW	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	ND
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	ND	ND	28.2	9.3	8,9
	14,18	10	ND	ND	2	
RMYJWC	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
RNDHYV	PowerPlex® Fusion 5c					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
RNFQ6E	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
RNXLXZ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
RNZAK6	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
RTWTQA	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 2 - STR Results

RUD2VY	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
RUYFJC	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
RWRQQ2	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
RXFXME	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
RXNLJY	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
T3AFW6	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
T4C83B	PowerPlex® Fusion (TrueAllele)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	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 2 - STR Results

T4PZGT	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
T6ZKKU	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
T8HNG2	Identifiler® Plus					
		17,24		15,18	11,12	
2	9,11	14,15			11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
TDDR4H	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
TJFKXT	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10				
TKA24C	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
TKXYJ6	PowerPlex® Fusion 6C Direct					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	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

TL4B9T	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
TMW9GY	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
TNFWDL	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
TP7BJA	PowerPlex® Fusion (TrueAllele)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
TRNFY9	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
TRVHTM	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
TV4M2V	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

TVN9RZ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
TW3NA8	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
TWPFHD	Investigator® 24plex GO!					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10				
U28LGQ	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
U38AQV	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
U4Y96T	Investigator® 24plex QS					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10				
U4ZXDW	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

U63PHH	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
U68ZZA	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
U6FYBX	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
U78YBU	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
U8FNF7	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
U8X4QW	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
UAPHER	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

UAZ2Y4	PowerPlex® Fusion 5C (STRMix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
UBJZA	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
UEJPK8	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
UEKCKQ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
UG29MJ	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
UGBB2B	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
UGLDEB	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

UHBK3Z	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		
UHFVY7	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
UHKMGQ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
UHN3TR	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
UJAL4K	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
UKJF37	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
UMXH3F	PowerPlex® Fusion (TrueAllele)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	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 2 - STR Results

UN2TMT	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
UNT7G6	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	INC				
UQELY2	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
UQTCLR	Investigator® 24plex QS					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10				
UUP4R3	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
UUZGRL	GlobalFiler™ Express					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
V3ENFV	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	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

V66PLJ	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
V68EYE	GlobalFiler™ PCR Amplification Kit					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
V8JJP6	Investigator® 24plex QS					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10				
VDKR2Y	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
VEBJR6	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
VFAZAE	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
VFKG6L	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	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 2 - STR Results

VGJ3XX	Investigator® 24plex GO!					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10				
VGVHQK	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10				
VL94ZR	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
VMMAD2	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
VP2F6V	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
VRL2M6	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
VRLHM3	GlobalFiler™ Direct					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

VU42R2	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
VULBK2	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
WP6P8	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
VX6Q69	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
VXG2EY	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
VXKLF2	PowerPlex® Fusion 6C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
W7HFKD	GlobalFiler™ PCR Amplification kit					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 2 - STR Results

WA4LEM	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
WBGU83	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	NA
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	NA	NA	28.2,28.2	9.3,9.3	8,9
	14,18	10	NA	NA	2	
WCTUJH	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
WFKXTU	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10				
WG3CE7	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
WHCDBC	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
WM7RZ3	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	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

WNLJDW	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
WPCXBM	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
WPVGHF	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
WQQ6W4	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
WRUKM2	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
WVKZR9	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
WWBFPY	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

WZGKXD	PowerPlex® Fusion						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22	8,10	17,20		9.3	8,9
		14,18	10				
X2KYHQ	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30,2,31.2	11,17	X,Y	11,11
		19,22			28.2,28.2	9.3,9.3	8,9
		14,18	10			2	
X2VJWM	PowerPlex® Fusion						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22	8,10	17,20		9.3	8,9
		14,18	10				
X3CFL2	PowerPlex® Fusion 6C						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30,2,31.2	11,17	X,Y	11,11
		19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
		14,18	10	20	17		
XAYLHU	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
XBMFYU	GlobalFiler™ Direct						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
XEGV7C	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	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 2 - STR Results

XEZJN7	PowerPlex® Fusion 5C (STRmix)						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30.2,31.2	11,17	X,Y	11
		19,22	8,10	17,20		9.3	8,9
		14,18	10				
XF7EJ3	Identifiler® Plus						
			17,24		15,18	11,12	
	2	9,11	14,15			11,12	11
		13,16	13,14	30.2,31.2		X,Y	11
		19,22				9.3	8,9
		14,18					
XLT9G3	PowerPlex® Fusion 6C						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30.2,31.2	11,17	X,Y	11
		19,22	8,10	17,20	28.2	9.3	8,9
		14,18	10	20	17		
XMJ7WV	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30.2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
XMUR9X	PowerPlex® Fusion						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30.2,31.2	11,17	X,Y	11,11
		19,22	8,10	17,20		9.3,9.3	8,9
		14,18	10				
XMWENP	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30.2,31.2	11,17	X,Y	11,11
		19,22			28.2,28.2	9.3,9.3	8,9
		14,18	10			2	
XP4UWG	Identifiler® Plus						
			17,24		15,18	11,12	
	2	9,11	14,15			11,12	11,11
		13,16	13,14	30.2,31.2		X,Y	11,11
		19,22				9.3,9.3	8,9
		14,18					

TABLE 2

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

Item 2 - STR Results

XQY9Q2	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
XVHR3M	Investigator® 24plex QS					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10				
XVYWD	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
XVWH7X	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
Y6R89N	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
Y6VUP2	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
Y6ZTUE	GlobalFiler™ Express					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 2 - STR Results

Y76ZM3	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
Y7PG37	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
Y8LGFP	Investigator® 24plex QS					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10				
YDPWUY	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		
YEY7F4	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
YL8TZX	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
YMWUFG	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	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 2 - STR Results

YNRVH6	Investigator® 24plex GO!					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10				
YU6JPE	GlobalFiler™, MiniFiler					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
YVC38M	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
YXD427	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
YXEUA	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
YXHGN3	GlobalFiler™ Direct					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
YXKTWQ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

YZJM2N	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
Z2RH6L	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30,2,31.2	11,17	X,Y	11,11
		19,22			28.2,28.2	9.3,9.3	8,9
		14,18	10			2	
Z4L49W	PowerPlex® Fusion 5C						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30,2,31.2	11,17	X,Y	11,11
		19,22	8,10	17,20		9.3,9.3	8,9
		14,18	10				
Z9WRQP	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
ZA6TRZ	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30,2,31.2	11,17	X,Y	11,11
		19,22			28.2,28.2	9.3,9.3	8,9
		14,18	10			2	
ZB8FN4	PowerPlex® Fusion						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30,2,31.2	11,17	X,Y	11,11
		19,22	8,10	17,20		9.3,9.3	8,9
		14,18	10				
ZBT36T	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	2	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	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 2 - STR Results

ZBVTDW	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		
ZCWKK3	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
ZEMLQQ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
ZERGTH	Investigator® 24plex					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10				
ZGANTB	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
ZJ2KG6	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
ZK632P	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 2 - STR Results

ZK6HBM	Investigator® 24plex QS					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10				
ZP34D9	Identifiler® Plus					
		17,24		15,18	11,12	
2	9,11	14,15			11,12	11,11
	13,16	13,14	30,2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
ZPZ8XL	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
ZV9QYY	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
ZVQLRK	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
ZW2P87	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
ZXDCQ7	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 2 - STR Results

ZYTMU3	Identifiler® Plus					
		17,24		15,18	11,12	
2	9,11	14,15			11,12	11
	13,16	13,14	30.2,31.2		X,Y	11
	19,22				9.3	8,9
	14,18					
ZZMRDW	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
2	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	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 3 - STR Results

26DGDZ	PowerPlex® ESX17Fast					
	14,18.3	17,24	10,14	15,18		
3		14,15	14,15	17,23		
	13,16	13,14	30.2,31.2	11,17	X,Y	
	19,22			28.2	9.3	
	14,18					
29F3ZH	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
2A87MZ	PowerPlex® Fusion 6C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
2APQVB	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
2EDC8P	GlobalFiler™ (TrueAllele)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
2G6PWH	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
2G7ZUR	PowerPlex® Fusion, MiniFiler					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	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 3 - STR Results

2GQ3UT	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
2JB6CZ	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
2JFB2A	PowerPlex® Fusion 6C, GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17	2	
2LGGEU	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
2NAACZ	PowerPlex® Fusion 6C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
2PQEDW	PowerPlex® Fusion (STRmix v2.3.07)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
2TXACD	Identifiler® Plus, Identifiler, MiniFiler					
		17,24		15,18	11,12	
3	9,11	14,15			11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					

TABLE 2

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

Item 3 - STR Results

2W2NDJ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
2YGVBE	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
2ZDX39	PowerPlex® Fusion 6C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
2ZKX7G	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
32HFAX	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
32HH2N	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		
34W9WP	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	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 3 - STR Results

36LUW9	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
3743JW	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	NT
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	NT	NT	28.2,28.2	9.3,9.3	8,9
	14,18	10	NT	NT	2	
37KJUC	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
37WXRf	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10				
39NJQ3	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
3AWAKU	PowerPlex® Fusion 5C (STRmix v2.3.07)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
3DDPW8	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

3ENG43	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
3GVCLQ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
3KPXWT	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
3PTVB2	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
3R3VG9	GlobalFiler™ (STRMIX)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
3UABPX	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
42PZDX	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 3 - STR Results

43CZW3	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
4636LR	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
46Y3N4	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
48DRGK	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
4BTYLT	GlobalFiler™ (STRmix 2.4)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
4BUC4Z	PowerPlex® ESI16 Fast, in-house					
	14,18.3	17,24	10,14	15,18		
3		14,15	14,15	17,23		11
	13,16	13,14	30,2,31.2	11,17	X,Y	
	19,22				9.3	
	14,18					
4H6GZE	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

4KJKRQ	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
4KYA4W	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
4LPN2M	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
4MGMG8	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
4T82ZL	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
4UG36T	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
4UWMXY	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	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 3 - STR Results

4UZQMN	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
4VQD2R	PowerPlex® Fusion 5C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
4WTKFA	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
4YGXG2	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
638DTN	Identifiler® Plus					
		17,24		15,18	11,12	
3	9,11	14,15			11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
639LZT	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
63VYX8	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 3 - STR Results

64C768	GlobalFiler™, MiniFiler					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
66X7PX	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
682QTX	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
68JC9N	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
69H6A7	Identifiler® Plus					
		17,24		15,18	11,12	
3	9,11	14,15			11,12	11,11
	16,36	13,14	30,2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
6HHARH	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
6J2V2J	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	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 3 - STR Results

6JHNKM	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
6KDPKP	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
6NN7WU	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
6NVFZD	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
6QCTDN	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
6QXPYG	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
6UFBQX	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 3 - STR Results

6W4KMZ	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
6WHCQV	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
6WTZ92	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
6X3U63	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
7388AE	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
74GFX6	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
74LK43	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

74VEYN	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
74Z6GL	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
7669VN	PowerPlex® Fusion 5					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
773LFV	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
7798BW	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
77VK99	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
78Q9KC	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

7A8LYL	GlobalFiler™, MiniFiler					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
7AQEQJ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
7DMC3V	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
7FR8LU	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
7GPW7V	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
7HBHGD	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
7J9QPW	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		

TABLE 2

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

Item 3 - STR Results

7JY3KA	PowerPlex® 21 (STRmix v2.6.2)					
	14,18.3	17,24		15,18	11,12	11,20
3	9,11	14,15		17,23	11,12	11,11
	13,16	13,14	30,2,31.2		X,Y	11,11
	19,22	8,10	17,20		9,3,9,3	8,9
	14,18					
7MW4M6	GlobalFiler™ PCR Amplification Kit					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28,2,28,2	9,3,9,3	8,9
	14,18	10			2	
7N3PZL	PowerPlex® Fusion 6C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28,2,28,2	9,3,9,3	8,9
	14,18	10	20	17		
7QTQ3N	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28,2	9,3	8,9
	14,18	10	20	17		
7TCURL	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28,2	9,3	8,9
	14,18	10			2	
7UUT7U	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	NT
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	NT	NT	28,2,28,2	9,3,9,3	8,9
	14,18	10	NT	NT	2	
7XA7TC	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9,3,9,3	8,9
	14,18	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 3 - STR Results

839HGT	PowerPlex® Fusion (TrueAllele)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
83FH64	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
83L9DT	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
83PJGA	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
84GF74	Identifiler® Plus					
		17,24		15,18	11,12	
3	9,11	14,15			11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
84Y4CJ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
89W22W	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 3 - STR Results

8AN3RU	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
8DBNQU	Identifiler® Plus					
		17,24		15,18	11,12	
3	9,11	14,15			11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
8DJHWP	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
8FCMTN	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
8G4RFU	PowerPlex® Fusion 6C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
8GLMXV	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
8HDCWC	Investigator® 24plex					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

8HKWXQ	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
8MPTDY	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
8N62MK	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
8P6Z6T	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
8QYPAM	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
8XWU7R	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
944BDR	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	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 3 - STR Results

94F3X2	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
94U4GQ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
99PDWM	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
9A23CT	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
9BPR32	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
9BQJ2A	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
9CQXMM	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 3 - STR Results

9DFT9P	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
9DHFP4	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
9GGYLA	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
9HV86W	GlobalFiler™ (STRMIX)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
9JAUGG	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
9Q3JRM	PowerPlex® Fusion 5c (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
9RRTLJ	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 3 - STR Results

9RZ42M	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
9T9FJN	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
9TB7RR	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
9TG6DM	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
9TW3BZ	Investigator® 24plex					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10				
9UNM3K	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
9UNQLM	PowerPlex® Fusion 6C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		

TABLE 2

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

Item 3 - STR Results

9VTT2L	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
9WRUAX	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
9ZHJZA	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
A9XTMH	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
ABLRYU	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
ABPVKG	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
ABXNTQ	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 3 - STR Results

ADEBQK	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
AH6KZJ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
AJ3VT2	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
ALU6TU	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
AMQ6HR	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
AMXBZH	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10				
AN8DVT	NGM SSelect					
	14,18.3	17,24	10,14	15,18		
3		14,15	14,15	17,23		11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	
	19,22			28.2,28.2	9.3,9.3	
	14,18					

TABLE 2

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

Item 3 - STR Results

AQKMGY	GlobalFiler™ PCR Amplification Kit					
3	14,18.3	17,24	10,14	15,18	11,12	
	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
ATBCXD	Identifiler® Plus, PowerPlex® Fusion 6C					
3	14,18.3	17,24	10,14	15,18	11,12	
	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
AVECQX	GlobalFiler™					
3	14,18.3	17,24	10,14	15,18	11,12	
	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
AX79EP	GlobalFiler™					
3	14,18.3	17,24	10,14	15,18	11,12	
	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
B2DQVC	PowerPlex® Fusion5C					
3	14,18.3	17,24	10,14	15,18	11,12	
	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10				
B3V6GN	PowerPlex® Fusion 6C (STRmix)					
3	14,18.3	17,24	10,14	15,18	11,12	
	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
B3WCUU	GlobalFiler™					
3	14,18.3	17,24	10,14	15,18	11,12	
	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 3 - STR Results

B467DU	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
B46CLZ	Identifiler® Plus					
		17,24		15,18	11,12	
3	9,11	14,15			11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
B6T4LF	PowerPlex® Fusion (STRMix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
B8MDTG	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
B9V9WF	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
BBNAKW	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
BCUFGD	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 3 - STR Results

BCXZLQ	PowerPlex® ESX 17 Fast					
	14,18.3	17,24	10,14	15,18		
3		14,15	14,15	17,23		11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	
	19,22			28.2,28.2	9.3,9.3	
	14,18					
BCZ8N6	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
BE8BWU	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
BEYQBD	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
BF267L	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
BFPEPG	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
BFY6YC	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	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 3 - STR Results

BGH98Q	PowerPlex® Fusion (TrueAllele)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
BGQMY7	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
BHB7FX	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	NT
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17	NT	
BKBEHM	Identifiler® Plus					
		17,24		15,18	11,12	
3	9,11	14,15			11,12	11
	13,16	13,14	30.2,31.2		X,Y	11
	19,22				9.3	8,9
	14,18					
BNBPDL	PowerPlex® Fusion, 21, Verifiler Express					
	14,18.3	17,24	10,14	15,18	11,12	11,20
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10			2	
BNQ3MT	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
BNTRVW	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

BRB9MV	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
BVN7LJ	PowerPlex® Fusion 6C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
BW4YPE	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10,10			2,2	
BWGMTR	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
BWR2T9	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
BY9E8J	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
BYEVCU	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

BYUX7X	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
C4773M	PowerPlex® Fusion 6C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
C6EJKN	PowerPlex® Fusion 6C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
CA9F8U	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
CALHR3	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
CBF9XG	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
CDBAA6	PowerPlex® 21					
	14,18.3	17,24		15,18	11,12	11,20
3	9,11	14,15		17,23	11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18					

TABLE 2

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

Item 3 - STR Results

CE2KZX	PowerPlex® Fusion 6C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
CEE84K	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
CEU74H	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
CHZU3Y	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
CJHZC9	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
CK8AKP	Identifiler® Plus					
		17,24		15,18	11,12	
3	9,11	14,15			11,12	11,11
	13,16	13,14	30,2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
CKLTVN	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	-
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	-	-	28.2,28.2	9.3,9.3	8,9
	14,18	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 3 - STR Results

CM9WMP	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
CNZV2M	PowerPlex® Fusion 5C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
CP24BD	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
CTGBDZ	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
CTLZ4X	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
CTMNR2	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
CU8CJN	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 3 - STR Results

CUAMCQ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
CUTRRY	Investigator® 24plex					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10				
CVREKB	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
CWKKMM	GlobalFiler™ (STRmix v2.5)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
CWM4X4	NGM-SElect					
	14,18.3	17,24	10,14	15,18		
3		14,15	14,15	17,23		11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	
	19,22			28.2,28.2	9.3,9.3	
	14,18					
CWNWVB	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
D2QKBX	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

D2RD97	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
D4336M	Identifiler® Plus					
	--	17,24	--	15,18	11,12	--
3	9,11	14,15	--	--	11,12	11
	13,16	13,14	30,2,31.2	--	X,Y	11
	19,22	--	--	--	9.3	8,9
	14,18	--	--	--	--	
D78PMX	GlobalFiler™ (STRmix 2.4)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
D83A8C	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
DA4C2W	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
DAKNLM	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
DCM6KW	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		

TABLE 2

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

Item 3 - STR Results

DDJYGM	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
DFA8VF	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
DFKNHP	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
DG6VA6	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
DMMLNF	PowerPlex® Fusion 5C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
DMRZAF	GlobalFiler™ (LRmix Studio software (v. 2.1.5))					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
DNGLAX	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		

TABLE 2

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

Item 3 - STR Results

DNYTTF	PowerPlex® Fusion 6C (Lab Retriever)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
DTHNV8	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
DVJWZH	PowerPlex® Fusion 6C (Lab Retriever)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
DXMB83	Identifiler® Plus					
		17,24		15,18	11,12	
3	9,11	14,15			11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
E33HMU	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
E4DJGR	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
E4HV6N	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 3 - STR Results

E4UPTB	Identifiler®					
		17,24		15,18	11,12	
3	9,11	14,15			11,12	11
	13,16	13,14	30,2,31.2		X,Y	11
	19,22				9.3	8,9
	14,18					
E4ZUG3	PowerPlex® 21					
	14,18.3	17,24		15,18	11,12	11,20
3	9,11	14,15		17,23	11,12	11,11
	13,16	13,14	30,2,31.2		X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18					
E6944Q	PowerPlex® 21					
	14,18.3	17,24		15,18	11,12	11,20
3	9,11	14,15		17,23	11,12	11,11
	13,16	13,14	30,2,31.2		X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18					
E73QQ6	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
E9ZTDE	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
EBEH9J	PowerPlex® Fusion 6C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
EBFG7X	GlobalFiler™ (STRMix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 3 - STR Results

EBWMFV	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
EDBYU7	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
EE9AUF	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
EEGXNE	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
EG2J2G	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
EGKQHD	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
EHYT2	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 3 - STR Results

EJD3EH	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
EJQRHV	PowerPlex® Fusion (TrueAllele)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
EKWEHV	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
ENXE4L	GlobalFiler™ (STRMix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
EPNLZ4	GlobalFiler™ (STRMix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
EQTQ82	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
EU9A24	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		

TABLE 2

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

Item 3 - STR Results

EUH3FX	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
EV6NM2	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30,2,31.2	11,17	X,Y	11,11
		19,22			28.2,28.2	9.3,9.3	8,9
		14,18	10			2	
EYJYA	PowerPlex® Fusion 5C						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22	8,10	17,20		9.3	8,9
		14,18	10				
EY2GCP	GlobalFiler™ (STRmix)						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
EYZLUE	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
F3XJX6	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
F63ARD	Investigator® 24plex						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	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 3 - STR Results

F64XEH	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		
F8UA2T	PowerPlex® Plus					
		17,24		15,18	11,12	
3	9,11	14,15			11,12	11,11
	13,16	13,14	30,2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
FA8KQD	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
FDDV2V	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
FKE88C	Identifiler® Plus					
		17,24		15,18	11,12	
3	9,11	14,15			11,12	11,11
	13,16	13,14	30,2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
FLB3U9	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
FLMVDN	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

FMNGD9	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
FMQ8LC	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
FNWPK9	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
FQ9K7Z	GlobalFiler™ (strmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
FRW6QB	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
FTUAQD	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
FVHHYT	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

FVWUC	PowerPlex® Fusion (STRMix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
FVZXP	PowerPlex® Fusion 6C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
FWM3VN	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
FX44AA	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
G3AHD	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
G3D3HZ	(STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
G49M3D	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

G7NB8K	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
G7TAKM	PowerPlex® ESX17, PPHS16					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10				
G8TTKA	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
G96AZ9	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
G9C7XT	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
GDUQBF	PowerPlex® Fusion 6C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
GF34RE	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

GF4U7A	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
GFAY7M	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
GFQ8W3	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
GL8RLH	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		
GMBB46	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
GMGRQP	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
GNXZZB	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

GRWULE	Identifiler®, NGM					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22				9.3	8,9
	14,18					
GTWDZA	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
GTYZHN	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
GY6RQL	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
H2ACJR	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
H2DYXK	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
H394L7	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		

TABLE 2

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

Item 3 - STR Results

H4EPV6	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
H4Y2Z6	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
H6F2RD	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10				
H8GJVU	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
H8LQQV	PowerPlex® 5C, 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
H9AG2F	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
H9H4C3	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

HDU734	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
HEFR33	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
HEREQH	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
HFJFAK	Identifiler® Plus					
		17,24		15,18	11,12	
3	9,11	14,15			11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
HFW6DW	GlobalFiler™ (STRMix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
HGRLGV	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
HJZYW3	Investigator® 24plex QS					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

HLFWBL	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
HLGLG4	GlobalFiler™ (STRmix v2.5.11)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
HN4JPU	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
HNMQAW	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
HP9489	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
HPN26K	GlobalFiler™ (STRmix v2.4.05)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
HR8L4G	PowerPlex® Fusion 6C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		

TABLE 2

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

Item 3 - STR Results

HTZLWL	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
HV8U8R	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
HYHK6Z	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10				
J3WKTE	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
J4DR33	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
J68DWU	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
J97U9N	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 3 - STR Results

JCBX2G	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
JCKDAH	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10				
JCUNHE	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
JECTWD	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
JHB4TD	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
JHLTBH	PowerPlex® Fusion (TrueAllele)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	[X],Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
JJP3VW	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 3 - STR Results

JKAZYL	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30.2,31.2	11,17	X,Y	11,11
		19,22			28.2,28.2	9.3,9.3	8,9
		14,18	10			2	
JKXDPE	PowerPlex® Fusion 6C						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30.2,31.2	11,17	X,Y	11
		19,22	8,10	17,20	28.2	9.3	8,9
		14,18	10	20	17		
JLT4T9	PowerPlex® Fusion						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30.2,31.2	11,17	X,Y	11
		19,22	8,10	17,20		9.3	8,9
		14,18	10				
JN2GU2	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30.2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
JN4HXT	GlobalFiler™ PCR Amplification Kit						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30.2,31.2	11,17	X,Y	11,11
		19,22			28.2,28.2	9.3,9.3	8,9
		14,18	10			2	
JNJMUQ	GlobalFiler™ (STRmix)						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30.2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
JQU8DK	Identifiler® Plus						
			17,24		15,18	11,12	
	3	9,11	14,15			11,12	11
		13,16	13,14	30.2,31.2		X,Y	11
		19,22				9.3	8,9
		14,18					

TABLE 2

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

Item 3 - STR Results

JTFTB	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
JU43MJ	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10				
JUM7W6	PowerPlex® Fusion 6C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		
JVTL3W	Identifiler® Plus					
		17,24		15,18	11,12	
3	9,11	14,15			11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
JXMGT6	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		
K2M4LE	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
K7E4DA	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

K9NYGC	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
KA4MCQ	PowerPlex® Fusion (TrueAllele)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
KAFLRA	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
KBXAQF	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	INC				
KCPNLL	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
KCRZU9	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
KEQUY7	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

KFQBCA	PowerPlex® Fusion, MiniFiler					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
KHGTUF	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
KJCEGE	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
KKM6LQ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
KL8MD6	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		
KNKMZ4	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
KPA9ZM	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

KR2ZEE	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30.2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
KRNWY8	NGM Slect						
		14,18.3	17,24	10,14	15,18		
	3		14,15	14,15	17,23		11,11
		13,16	13,14	30.2,31.2	11,17	X,Y	
		19,22			28.2,28.2	9.3,9.3	
		14,18					
KRVEHD	PowerPlex® Fusion 5C (STRmix)						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30.2,31.2	11,17	X,Y	11
		19,22	8,10	17,20		9.3	8,9
		14,18	10				
KYF46D	PowerPlex® Fusion 6C						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30.2,31.2	11,17	X,Y	11,11
		19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
		14,18	10	20	17		
L33UG4	Identifiler® ID+, MiniFiler+ LCN Id Plus						
			17,24		15,18	11,12	
	3	9,11	14,15			11,12	11,11
		13,16	13,14	30.2,31.2		X,Y	11,11
		19,22				9.3,9.3	8,9
		14,18					
L4ACBQ	Identifiler® Plus (Lab Retriever)						
			17,24		15,18	11,12	
	3	9,11	14,15			11,12	11
		13,16	13,14	30.2,31.2		X,Y	11
		19,22				9.3	8,9
		14,18					
L7ZBTV	GlobalFiler™ (STRmix)						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30.2,31.2	11,17	X,Y	11,11
		19,22			28.2,28.2	9.3,9.3	8,9
		14,18	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 3 - STR Results

L8LYC7	PowerPlex® Fusion 5C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
L8MNKA	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
LAJ8DF	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
LDZURK	Identifiler® Plus					
		17,24		15,18	11,12	
3	9,11	14,15			11,12	11
	13,16	13,14	30.2,31.2		X,Y	11
	19,22				9.3	8,9
	14,18					
LF4KZL	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
LFFHWR	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
LGY9EA	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	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 3 - STR Results

LNRVZC	PowerPlex® Fusion 6C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		
LP4XJP	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
LQ9BZB	NGM SSelect (LRmix Studio)					
	14,18.3	17,24	10,14	15,18		
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	
	14,18					
LQYCD A	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
LRCBLH	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
LWULT7	Investigator® 24plex (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10				
LX9TEM	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	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 3 - STR Results

LXL27H	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
LY4FTC	PowerPlex® Fusion (STRMix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	INC				
LYCQ96	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
M744AB	PowerPlex® Fusion 5C (STRmix (Version 2.3.07))					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
M8PWYR	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
M93T6Y	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
M9XTWD	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	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 3 - STR Results

MBP9MT	PowerPlex® Fusion 6C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
MCH7RE	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
MDNZG7	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
MENQQY	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
MEPVDG	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
MER64Y	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
MLGKC8	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

MLJNAA	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
MLZXZP	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
MM4A9C	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
MMBMGF	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
MMVLED	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
MP4NBB	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		
MP8ZJZ	Identifiler® Plus, PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		

TABLE 2

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

Item 3 - STR Results

MQW78Y	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
MV8HGY	Investigator® 24plex QS (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10				
MVJZ3C	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
MWJC4R	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
MWTX7Z	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
MXJQP6	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
N2AKRD	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

N6AWMD	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
N6WNWH	PowerPlex® 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
N87G2J	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
NA3XM7	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		
NBJUGQ	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
NBVTAE	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
ND9MN9	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

NJYZG8	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
NK7C8X	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
NPF9NX	Investigator® 24plex QS						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30,2,31.2	11,17	X,Y	11,11
		19,22			28.2,28.2	9.3,9.3	8,9
		14,18	10				
NTEKBY	PowerPlex® Fusion						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22	8,10	17,20		9.3	8,9
		14,18	10				
NTHEF4	PowerPlex® Fusion 6C						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22	8,10	17,20	28.2	9.3	8,9
		14,18	10	20	17		
NU99VF	PowerPlex® Fusion 6C						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22	8,10	17,20	28.2	9.3	8,9
		14,18	10	20	17		
NVLGZF	GlobalFiler™ (STRmix)						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30,2,31.2	11,17	X,Y	11,11
		19,22			28.2,28.2	9.3,9.3	8,9
		14,18	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 3 - STR Results

NWZTUD	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
NYRQGB	Identifiler® Plus					
		17,24		15,18	11,12	
3	9,11	14,15			11,12	11
	13,16	13,14	30.2,31.2		X,Y	11
	19,22				9.3	8,9
	14,18					
P2UT36	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
P747K4	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
P87U8A	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
P9U9PR	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
PA3LYV	Investigator® 24plex QS (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

PB674A	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
PG673X	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
PG7PYD	Identifiler® Plus					
		17,24		15,18	11,12	
3	9,11	14,15			11,12	11
	13,16	13,14	30.2,31.2		X,Y	11
	19,22				9.3	8,9
	14,18					
PM6ATB	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
PMFK22	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
PNEV8X	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
PNMXPX	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

PNP6WC	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
PP24RK	GlobalFiler™ PCR Amplification Kit					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
PP2K2H	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
PPXFC	GlobalFiler™, MiniFiler					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
PQW8F8	PowerPlex® Fusion, GlobalFiler™ Express					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10			2	
PRGJZ2	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
PTZEMK	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 3 - STR Results

PUCF47	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
PV4HQN	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
PVH447	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
PWT6P6	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
PX96AU	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
PXDJVT	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
PYE7XT	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	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 3 - STR Results

PYJLJP	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
PYQRP9	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
Q4WD4D	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
Q7V2EM	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
Q8G9UA	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
Q929QT	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
QACQC6	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	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 3 - STR Results

QBRQVU	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
QC8CXN	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
QEBGXP	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
QJBARJ	PowerPlex® Fusion (TrueAllele)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
QK7X79	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	INC				
QPQBB4	PowerPlex® Fusion 6C (Lab Retriever)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
QUHYTP	Identifiler® Plus					
		17,24		15,18	11,12	
3	9,11	14,15			11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					

TABLE 2

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

Item 3 - STR Results

QVHY8F	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
QX2H87	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
R42GV2	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
R9223C	GlobalFiler™ (Genemapper ID-X 1.5)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
RBHDK4	Identifiler® Plus					
		17,24		15,18	11,12	
3	9,11	14,15			11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
RCAGWX	Identifiler® Plus, MiniFiler					
		17,24		15,18	11,12	
3	9,11	14,15			11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
RGWFX7	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

RL66F9	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
RLM3HD	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
RLNRQG	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
RLUQEW	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	ND
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	ND	ND	28.2	9.3	8,9
	14,18	10	ND	ND	2	
RMYJWC	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
RNDHYV	PowerPlex® Fusion 5c					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
RNFQ6E	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		

TABLE 2

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

Item 3 - STR Results

RNXLXZ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
RNZAK6	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
RTWTQA	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
RUD2VY	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
RUYFJC	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
RWRQQ2	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
RFXFME	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		

TABLE 2

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

Item 3 - STR Results

RXNLJY	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
T3AFW6	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
T4C83B	PowerPlex® Fusion (TrueAllele)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
T4PZGT	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
T6ZKKU	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
TDDR4H	GlobalFiler™ (STRmix v2.4)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
TJFKXT	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	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 3 - STR Results

TKA24C	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
TKXYJ6	PowerPlex® Fusion 6C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
TL4B9T	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
TMW9GY	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
TNFWDL	GlobalFiler™ (STRMIX)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
TP7BJA	PowerPlex® Fusion (TrueAllele)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
TRNFY9	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 3 - STR Results

TRVHTM	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
TV4M2V	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
TVN9RZ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
TW3NA8	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
TWPFHD	Investigator® 24plex QS					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10				
U28LGQ	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
U38AQV	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 3 - STR Results

U4Y96T	Investigator® 24plex QS (STRmix v2.6.3)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10				
U4ZXDW	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
U63PHH	GlobalFiler™ (STRmix 2.4)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
U68ZZA	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
U6FYBX	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
U78YBU	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
U8X4QW	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	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 3 - STR Results

UAPHER	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
UAZ2Y4	PowerPlex® Fusion 5C (STRMix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
UBJZA	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
UEJPK8	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
UEKCKQ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
UG29MJ	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
UGBB2B	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

UGLDEB	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
UHBK3Z	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		
UHFVY7	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
UHKMGQ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
UHN3TR	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
UJAL4K	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
UMXH3F	PowerPlex® Fusion (TrueAllele)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	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 3 - STR Results

UN2TMT	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
UNT7G6	PowerPlex® Fusion 5C (STRMix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	INC				
UQELY2	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
UQTCLR	Investigator® 24plex QS (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10				
UUP4R3	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
UUZGRL	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
V3ENFV	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		

TABLE 2

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

Item 3 - STR Results

V66PLJ	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
V68EYE	GlobalFiler™ PCR Amplification Kit					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
V8JJP6	Investigator® 24plex QS					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10				
VDKR2Y	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
VEBJR6	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
VFAZAE	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
VFKG6L	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	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 3 - STR Results

VGJ3XX	Investigator® 24plex QS					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10				
VGVHQK	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10				
VL94ZR	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
VMMAD2	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
VP2F6V	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
VRL2M6	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
VRLHM3	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

VU42R2	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
VULBK2	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
WV6P8	PowerPlex® Fusion 6c (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
VX6Q69	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
VXG2EY	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
VXKLF2	PowerPlex® Fusion 6C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
W7HFKD	GlobalFiler™ PCR Amplification kit					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	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 3 - STR Results

WA4LEM	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
WBGU83	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	NA
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	NA	NA	28.2,28.2	9.3,9.3	8,9
	14,18	10	NA	NA	2	
WCTUJH	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
WFKXTU						
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10				
WG3CE7	PowerPlex® Fusion 6C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
WHCDBC	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
WM7RZ3	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		

TABLE 2

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

Item 3 - STR Results

WNLJDW	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	[8],11
	19,22			28.2	9.3	8,9
	14,18	10			2	
WPCXBM	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
WPVGHF	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
WQQ6W4	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
WRUKM2	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
WVKZR9	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
WWBFPY	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

WZGKXD	PowerPlex® Fusion						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22	8,10	17,20		9.3	8,9
		14,18	10				
X2KYHQ	Identifiler® Plus, Identifiler						
			17,24		15,18	11,12	
	3	9,11	14,15			11,12	11,11
		13,16	13,14	30,2,31.2		X,Y	11,11
		19,22				9.3,9.3	8,9
		14,18					
X2VJWM	PowerPlex® Fusion						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22	8,10	17,20		9.3	8,9
		14,18	10				
X3CFL2	PowerPlex® Fusion 6C						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11,11
		13,16	13,14	30,2,31.2	11,17	X,Y	11,11
		19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
		14,18	10	20	17		
XAYLHU	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
XBMFYU	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	10			2	
XEGV7C	GlobalFiler™						
		14,18.3	17,24	10,14	15,18	11,12	
	3	9,11	14,15	14,15	17,23	11,12	11
		13,16	13,14	30,2,31.2	11,17	X,Y	11
		19,22			28.2	9.3	8,9
		14,18	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 3 - STR Results

XEL8U8	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
XEZJN7	PowerPlex® Fusion 5C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
XF7EJ3	Identifiler® Plus					
		17,24		15,18	11,12	
3	9,11	14,15			11,12	11
	13,16	13,14	30.2,31.2		X,Y	11
	19,22				9.3	8,9
	14,18					
XLT9G3	PowerPlex® Fusion 6C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
XMJ7WV	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
XMWENP	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
XP4UWG	Identifiler® Plus					
		17,24		15,18	11,12	
3	9,11	14,15			11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					

TABLE 2

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

Item 3 - STR Results

XQY9Q2	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
XVHR3M	Investigator® 24plex QS					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10				
XVYWD	PowerPlex® Fusion 6C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20	28.2	9.3	8,9
	14,18	10	20	17		
XVWH7X	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
Y6R89N	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
Y6ZTUE	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
Y76ZM3	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	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 3 - STR Results

Y7PG37	PowerPlex® Fusion (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
Y8LGFP	Investigator® 24plex QS (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10				
YDPWUY	PowerPlex® Fusion 6C (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		
YEY7F4	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
YL8TZX	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
YMWUFG	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22	8,10	17,20		9.3	8,9
	14,18	10				
YNRVH6	Investigator® 24plex QS					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

YU6JPE	GlobalFiler™, MiniFiler					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
YVC38M	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
YXD427	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
YXEUAA	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
YXHGN3	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
YXKTWQ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
YZJM2N	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

Z2RH6L	GlobalFiler™ (STRmix v2.5)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
Z4L49W	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10				
Z9WRQP	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
ZA6TRZ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
ZB8FN4	PowerPlex® Fusion					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	10				
ZBT36T	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
ZBVTDW	PowerPlex® Fusion 6C (STRmix v 2.5)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20	28.2,28.2	9.3,9.3	8,9
	14,18	10	20	17		

TABLE 2

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

Item 3 - STR Results

ZCWKK3	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
ZEMLQQ	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
ZERGTH	Investigator® 24plex					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10				
ZGANTB	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
ZJ2KG6	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
ZK632P	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30,2,31.2	11,17	X,Y	11,11
	19,22			28.2,28.2	9.3,9.3	8,9
	14,18	10			2	
ZK6HBM	Investigator® 24plex QS (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30,2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	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 3 - STR Results

ZP34D9	Identifiler® Plus					
		17,24		15,18	11,12	
3	9,11	14,15			11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					
ZPZ8XL	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
ZV9QYY	GlobalFiler™, MiniFiler					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
ZVQLRK	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
ZW2P87	GlobalFiler™					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
ZXDCQ7	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
ZYTMU3	Identifiler® Plus					
		17,24		15,18	11,12	
3	9,11	14,15			11,12	11
	13,16	13,14	30.2,31.2		X,Y	11
	19,22				9.3	8,9
	14,18					

TABLE 2

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

Item 3 - STR Results

ZZMRDW	PowerPlex® Fusion 5C					
	14,18.3	17,24	10,14	15,18	11,12	
3	9,11	14,15	14,15	17,23	11,12	11,11
	13,16	13,14	30.2,31.2	11,17	X,Y	11,11
	19,22	8,10	17,20		9.3,9.3	8,9
	14,18	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 3e - STR Results

QEER7F	GlobalFiler™ (STRmix)					
	14,18.3	17,24	10,14	15,18	11,12	
3e	9,11	14,15	14,15	17,23	11,12	11
	13,16	13,14	30.2,31.2	11,17	X,Y	11
	19,22			28.2	9.3	8,9
	14,18	10			2	
T8HNG2	Identifiler® Plus					
		17,24		15,18	11,12	
3e	9,11	14,15			11,12	11,11
	13,16	13,14	30.2,31.2		X,Y	11,11
	19,22				9.3,9.3	8,9
	14,18					

TABLE 2

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

Item 3sp - STR Results

QEER7F GlobalFiler™ (STRmix)

3sp



T8HNG2 Identifiler® Plus

3sp



TABLE 2

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

Item 4 - STR Results

26DGDZ	PowerPlex® PowerPlex®ESX17Fast					
	11,16	20,24	11,14	15,16		
4		12,13	13,15	17,20		11,13
	14,16	12,14	28,32.2	15,16	X	
	20,21			17,19	9,9.3	
	15,17					
29F3ZH	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
2A87MZ	PowerPlex® Fusion 6C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
2APQVB	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
2EDC8P	GlobalFiler™ (TrueAllele)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
2G6PWH	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
2G7ZUR	PowerPlex® Fusion, MiniFiler					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	NR				

TABLE 2

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

Item 4 - STR Results

2GQ3UT	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
2JB6CZ	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
2JFB2A	PowerPlex® Fusion 6C, GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17	NR	NR	NR	NR	
2LGGEU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
2NAACZ	PowerPlex® Fusion 6C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
2PQEDW	PowerPlex® Fusion (STRmix v2.3.07)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
2TXACD	Identifiler® Plus, Identifiler, MiniFiler					
		20,24		15,16	11,13	
4	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

2W2NDJ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
2YGVBE	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
2ZDX39	PowerPlex® Fusion 6C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
2ZKX7G	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
32HFAX	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
32HH2N	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
34W9WP	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

36LUW9	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
3743JW	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	NT
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	NT	NT	17,19	9,9.3	8,9
	15,17	NR	NT	NT	NR	
37KJUC	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
37WXRf	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	neg				
39NJQ3	GlobalFiler™ (STRMix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
3AWAKU	PowerPlex® Fusion 5C (STRmix v2.3.07)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
3DDPW8	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

3ENG43	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
3GVCLQ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
3KPXWT	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
3PTVB2	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
3R3VG9	GlobalFiler™ (STRMIX)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
3UABPX	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
42PZDX	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

43CZW3	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
4636LR	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
46Y3N4	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
48DRGK	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
4BTYLT	GlobalFiler™ (STRmix 2.4)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
4BUC4Z	PowerPlex® ES116 Fast, in-house					
	11,16	20,24	11,14	15,16		
4		12,13	13,15	17,20		11,13
	14,16	12,14	28,32.2	15,16	X	
	20,21				9,9.3	
	15,17					
4H6GZE	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

4KJKRQ	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	NR				
4KYA4W	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
4LPN2M	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
4MGMG8	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
4T82ZL	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
4UG36T	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
4UWMXY	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

4UZQMN	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
4VQD2R	PowerPlex® Fusion 5C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
4WTKFA	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
4YGXG2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
638DTN	Identifiler® Plus					
		20,24		15,16	11,13	
4	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		XX	9,12
	20,21				9,9.3	8,9
	15,17					
639LZT	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
63VYX8	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	

TABLE 2

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

Item 4 - STR Results

64C768	GlobalFiler™, MiniFiler					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	no results			no results	
66X7PX	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
682QTX	GlobalFiler™					
	11,[16]	[20],24	11,14	15,[16]	11,13	
4	8,11	12,13	13,15	17,[20]	12,12	[11],[13]
	14,16	12,14	28,32.2	15,16	X,X	[9],[12]
	20,21			17,19	[9],[9.3]	[8],[9]
	[15],[17]	-			-	
68JC9N	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
69H6A7	Identifiler® Plus					
		20,24		15,16	11,13	
4	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					
6HHARH	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
6J2V2J	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

6JHNKM	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
6KDPKP	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	NR				
6NN7WU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
6NVFZD	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
6QCTDN	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
6QXPYG	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
6UFBQX	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

6W4KMZ	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
6WHCQV	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
6WTZ92	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
6X3U63	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
7388AE	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
74GFX6	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
74LK43	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

74VEYN	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
74Z6GL	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
7669VN	PowerPlex® Fusion 5					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
773LFV	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
7798BW	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
77VK99	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
78Q9KC	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	

TABLE 2

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

Item 4 - STR Results

7A8LYL	GlobalFiler™, MiniFiler					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
7AQEQJ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
7DMC3V	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
7FR8LU	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
7GPW7V	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	[8],9
	15,17	-			-	
7HBHGD	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
7J9QPW	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

7JY3KA	PowerPlex® 21 (STRmix v2.6.2)					
	11,16	20,24		15,16	11,13	13,17
4	8,11	12,13		17,20	12,12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
7MW4M6	GlobalFiler™ PCR Amplification Kit					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
7N3PZL	PowerPlex® Fusion 6C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
7QTQ3N	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
7TCURL	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
7UUT7U	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	NT
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	NT	NT	17,19	9,9.3	8,9
	15,17	NR	NT	NT	NR	
7XA7TC	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

839HGT	PowerPlex® Fusion (TrueAllele)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
83FH64	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
83L9DT	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
83PJGA	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
84GF74	Identifiler® Plus					
		20,24		15,16	11,13	
4	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		XX	9,12
	20,21				9,9.3	8,9
	15,17					
84Y4CJ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
89W22W	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

8AN3RU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
8DBNQU	Identifiler® Plus					
		20,24		15,16	11,13	
4	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					
8DJHWP	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
8FCMTN	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
8G4RFU	PowerPlex® Fusion 6C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
8GLMXV	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
8HDCWC	Investigator® 24plex					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

8HKWXQ	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
8MPTDY	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
8N62MK	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
8P6Z6T	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
8QYPAM	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
8XWU7R	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
944BDR	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

94F3X2	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17	NR	NR	NR		
94U4GQ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
99PDWM	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
9A23CT	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
9BPR32	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
9BQJ2A	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
9CQXMM	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	no result			no result	

TABLE 2

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

Item 4 - STR Results

9DFT9P	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
9DHFP4	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
9GGYLA	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
9HV86W	GlobalFiler™ (STRMIX)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
9JAUGG	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
9Q3JRM	PowerPlex® Fusion 5c (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
9RRTLU	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

9RZ42M	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	No Results			No Results	
9T9FJN	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	No Results			No Results	
9TB7RR	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
9TG6DM	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
9TW3BZ	Investigator® 24plex					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
9UNM3K	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
9UNQLM	PowerPlex® Fusion 6C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

9VTT2L	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
9WRUAX	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
9ZHJZA	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
A9XTMH	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
ABLYRU	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
ABPVKG	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
ABXNTQ	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

ADEBQK	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	No Results			No Results	
AH6KZJ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
AJ3VT2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
ALU6TU	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
AMQ6HR	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
AMXBZH	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	--				
AN8DVT	NGM SElect					
	11,16	20,24	11,14	15,16		
4		12,13	13,15	17,20		11,13
	14,16	12,14	28,32.2	15,16	XX	
	20,21			17,19	9,9.3	
	15,17					

TABLE 2

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

Item 4 - STR Results

AQKMGY	GlobalFiler™ PCR Amplification Kit					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
ATBCXD	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
AVECQX	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
AX79EP	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
B2DQVC	PowerPlex® Fusion5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
B3V6GN	PowerPlex® Fusion 6C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
B3WCUU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

B467DU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
B46CLZ	Identifiler® Plus					
		20,24		15,16	11,13	
4	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					
B6T4LF	PowerPlex® Fusion (STRMix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
B8MDTG	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
B9V9WF	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
BBNAKW	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
BCUFGD	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

BCXZLQ	PowerPlex® ESX 17 Fast					
	11,16	20,24	11,14	15,16		
4		12,13	13,15	17,20		11,13
	14,16	12,14	28,32.2	15,16	X,X	
	20,21			17,19	9,9.3	
	15,17					
BCZ8N6	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
BE8BWU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
BEYQBD	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
BF267L	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
BFPEPG	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
BFY6YC	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

BGH98Q	PowerPlex® Fusion (TrueAllele)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
BGQMY7	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
BHB7FX	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	NT
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17	NR	NR	NR	NT	
BKBEHM	Identifiler® Plus					
		20,24		15,16	11,13	
4	8,11	12,13			12	11,13
	14,16	12,14	28,32.2		XX	9,12
	20,21				9,9.3	8,9
	15,17					
BNBPD	PowerPlex® Fusion, 21, Verifiler Express					
	11,16	20,24	11,14	15,16	11,13	13,17
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
BNQ3MT	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
BNTRVW	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

BRB9MV	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
BVN7LJ	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
BW4YPE	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
BWGMTR	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
BWR2T9	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
BY9E8J	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
BYEVCU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	

TABLE 2

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

Item 4 - STR Results

BYUX7X	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
C4773M	PowerPlex® Fusion 6C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
C6EJKN	PowerPlex® Fusion 6C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
CA9F8U	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
CALHR3	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
CBF9XG	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
CDBAA6	PowerPlex® 21					
	11,16	20,24		15,16	11,13	13,17
4	8,11	12,13		17,20	12,12	11,13
	14,16	12,14	28,32.2		XX	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

CE2KZX	PowerPlex® Fusion 6C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
CEE84K	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
CEU74H	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
CHZU3Y	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
CJHZC9	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
CK8AKP	Identifiler® Plus					
		20,24		15,16	11,13	
4	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		XX	9,12
	20,21				9,9.3	8,9
	15,17					
CKLTVN	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	-
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	-	-	17,19	9,9.3	8,9
	15,17	-	-	-	-	-

TABLE 2

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

Item 4 - STR Results

CM9WMP	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
CNZV2M	PowerPlex® Fusion 5C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
CP24BD	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
CTGBDZ	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
CTLZ4X	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
CTMNR2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	no results			no results	
CU8CJN	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	

TABLE 2

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

Item 4 - STR Results

CUAMCQ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
CUTRRY	Investigator® 24plex					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-				
CVREKB	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
CWKKMM	GlobalFiler™ (STRmix v2.5)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
CWM4X4	NGM-SElect					
	11,16	20,24	11,14	15,16		
4		12,13	13,15	17,20		11,13
	14,16	12,14	28,32.2	15,16	X,X(Y)	
	20,21			17,19	9,9.3	
	15,17					
CWNWVB	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
D2QKBX	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

D2RD97	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
D4336M	Identifiler® Plus					
	--	20,24	--	15,16	11,13	--
4	8,11	12,13	--	--	12	11,13
	14,16	12,14	28,32.2	--	X,X	9,12
	20,21	--	--	--	9,9.3	8,9
	15,17	--	--	--	--	
D78PMX	GlobalFiler™ (STRmix 2.4)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	no result			no result	
D83A8C	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
DA4C2W	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
DAKNLM	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
DCM6KW	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

DDJYGM	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
DFA8VF	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
DFKNHP	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
DG6VA6	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
DMMLNF	PowerPlex® Fusion 5C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
DMRZAF	GlobalFiler™ (LRmix Studio software (v. 2.1.5))					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
DNGLAX	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

DNYTTF	PowerPlex® Fusion 6C (Lab Retriever)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
DTHNV8	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
DVJWZH	PowerPlex® Fusion 6C (Lab Retriever)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
DXMB83	Identifiler® Plus					
		20,24		15,16	11,13	
4	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		XX	9,12
	20,21				9,9.3	8,9
	15,17					
E33HMU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
E4DJGR	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
E4HV6N	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

E4UPTB	Identifiler®					
		20,24		15,16	11,13	
4	8,11	12,13			12	11,13
	14,16	12,14	28,32.2		X	9,12
	20,21				9,9.3	8,9
	15,17					
E4ZUG3	PowerPlex® 21					
	11,16	20,24		15,16	11,13	13,17
4	8,11	12,13		17,20	12,12	11,13
	14,16	12,14	28,32.2		XX	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
E6944Q	PowerPlex® 21					
	11,16	20,24		15,16	11,13	13,17
4	8,11	12,13		17,20	12,12	11,13
	14,16	12,14	28,32.2		XX	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
E73QQ6	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
E9ZTDE	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
EBEH9J	PowerPlex® Fusion 6C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
EBFG7X	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	

TABLE 2

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

Item 4 - STR Results

EBWMFV	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
EDBYU7	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
EE9AUF	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
EEGXNE	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
EG2J2G	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
EGKQHD	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
EHYT2	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

EJD3EH	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17	-			-	
EJQRHV	PowerPlex® Fusion (TrueAllele)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
EKWEHV	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
ENXE4L	GlobalFiler™ (STRMix)					
	11,16	20,24,25	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
EPNLZ4	GlobalFiler™ (STRMix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
EQTQ82	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
EU9A24	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17	NR	NR	NR		

TABLE 2

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

Item 4 - STR Results

EUH3FX	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
EV6NM2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
EYJYA	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
EY2GCP	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
EYZLUE	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
F3XJX6	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
F63ARD	Investigator® 24plex					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-				

TABLE 2

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

Item 4 - STR Results

F64XEH	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17	ND	ND	ND		
F8UA2T	PowerPlex® Plus					
		20,24		15,16	11,13	
4	8,11	15,16			12,12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					
FA8KQD	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
FDDV2V	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
FKE88C	Identifiler® Plus					
		20,24		15,16	11,13	
4	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					
FLB3U9	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
FLMVDN	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

FMNGD9	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
FMQ8LC	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
FNWPK9	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
FQ9K7Z	GlobalFiler™ (strmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
FRW6QB	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
FTUAQD	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
FVHHYT	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17	NR	NR	NR		

TABLE 2

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

Item 4 - STR Results

FVWUC	PowerPlex® Fusion (STRMix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
FVZXP	PowerPlex® Fusion 6C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
FWM3VN	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
FX44AA	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
G3AHD	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
G3D3HZ	(STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
G49M3D	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	

TABLE 2

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

Item 4 - STR Results

G7NB8K	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
G7TAKM	PowerPlex® ESX17, PPHS16					
	11,16	20,24	11,14	15,16	11,12	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
G8TTKA	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
G96AZ9	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
G9C7XT	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
GDUQBF	PowerPlex® Fusion 6C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
GF34RE	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	

TABLE 2

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

Item 4 - STR Results

GF4U7A	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
GFAY7M	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
GFQ8W3	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
GL8RLH	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
GMBB46	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
GMGRQP	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
GNXZZB	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

GRWULE	Identifiler®, NGM					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21				9,9.3	8,9
	15,17					
GTWDZA	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
GTYZHN	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
GY6RQL	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
H2ACJR	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
H2DYXK	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
H394L7	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

H4EPV6	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
H4Y2Z6	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
H6F2RD	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
H8GJVU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
H8LQQV	PowerPlex® 5C, 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
H9AG2F	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
H9H4C3	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	

TABLE 2

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

Item 4 - STR Results

HDU734	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
HEFR33	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
HEREQH	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
HFJFAK	Identifiler® Plus					
		20,24		15,16	11,13	
4	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		XX	9,12
	20,21				9,9.3	8,9
	15,17					
HFW6DW	GlobalFiler™ (STRMix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
HGRLGV	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
HJZYW3	Investigator® 24plex QS					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-				

TABLE 2

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

Item 4 - STR Results

HLFWBL	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
HLGLG4	GlobalFiler™ (STRmix v2.5.11)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
HN4JPU	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
HNMQAW	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
HP9489	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
HPN26K	GlobalFiler™ (STRmix v2.4.05)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
HR8L4G	PowerPlex® Fusion 6C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

HTZLWL	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
HV8U8R	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
HYHK6Z	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
J3WKTE	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
J4DR33	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
J68DWU	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
J97U9N	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	

TABLE 2

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

Item 4 - STR Results

JCBX2G	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
JCKDAH	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
JCUNHE	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
JECTWD	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
JHB4TD	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
JHLTBH	PowerPlex® Fusion (TrueAllele)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
JJP3VW	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

JKAZYL	GlobalFiler™						
		11,16	20,24	11,14	15,16	11,13	
	4	8,11	12,13	13,15	17,20	12,12	11,13
		14,16	12,14	28,32.2	15,16	X,X	9,12
		20,21			17,19	9,9.3	8,9
	15,17						
JKXDPE	PowerPlex® Fusion 6C						
		11,16	20,24	11,14	15,16	11,13	
	4	8,11	12,13	13,15	17,20	12	11,13
		14,16	12,14	28,32.2	15,16	X	9,12
		20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17						
JLT4T9	PowerPlex® Fusion						
		11,16	20,24	11,14	15,16	11,13	
	4	8,11	12,13	13,15	17,20	12	11,13
		14,16	12,14	28,32.2	15,16	X	9,12
		20,21	12,14	7,11		9,9.3	8,9
	15,17						
JN2GU2	GlobalFiler™						
		11,16	20,24	11,14	15,16	11,13	
	4	8,11	12,13	13,15	17,20	12	11,13
		14,16	12,14	28,32.2	15,16	X	9,12
		20,21			17,19	9,9.3	8,9
	15,17						
JN4HXT	GlobalFiler™ PCR Amplification Kit						
		11,16	20,24	11,14	15,16	11,13	
	4	8,11	12,13	13,15	17,20	12,12	11,13
		14,16	12,14	28,32.2	15,16	X,X	9,12
		20,21			17,19	9,9.3	8,9
	15,17						
JNJMUQ	GlobalFiler™ (STRmix)						
		11,16	20,24	11,14	15,16	11,13	
	4	8,11	12,13	13,15	17,20	12	11,13
		14,16	12,14	28,32.2	15,16	X	9,12
		20,21			17,19	9,9.3	8,9
	15,17						
JQU8DK	Identifiler® Plus						
			20,24		15,16	11,13	
	4	8,11	12,13			12	11,13
		14,16	12,14	28,32.2		X,X	9,12
		20,21				9,9.3	8,9
	15,17						

TABLE 2

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

Item 4 - STR Results

JTFTB	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
JU43MJ	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
JUM7W6	PowerPlex® Fusion 6C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
JVTL3W	Identifiler® Plus					
		20,24		15,16	11,13	
4	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		XX	9,12
	20,21				9,9.3	8,9
	15,17					
JXMGT6	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
K2M4LE	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
K7E4DA	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

K9NYGC	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	No result			No result	
KA4MCQ	PowerPlex® Fusion (TrueAllele)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
KAFLRA	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
KBXAQF	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	INC				
KCPNLL	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
KCRZU9	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
KEQUY7	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

KFQBCA	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	NR				
KHGTUF	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
KJCEGE	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
KKM6LQ	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
KL8MD6	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
KNKMZ4	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
KPA9ZM	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	

TABLE 2

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

Item 4 - STR Results

KR2ZEE	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
KRNWY8	NGM SElect					
	11,16	20,24	11,14	15,16		
4		12,13	13,15	17,20		11,13
	14,16	12,14	28,32.2	15,16	XX	
	20,21			17,19	9,9.3	
	15,17					
KRVEHD	PowerPlex® Fusion 5C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
KYF46D	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
L33UG4	Identifiler® Inentifiler Plus, MiniFiler + LCN Id Plus					
		20,24		15,16	11,13	
4	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		XX	9,12
	20,21				9,9.3	8,9
	15,17					
L4ACBQ	Identifiler® Plus (Lab Retriever)					
		20,24		15,16	11,13	
4	8,11	12,13			12	11,13
	14,16	12,14	28,32.2		X	9,12
	20,21				9,9.3	8,9
	15,17					
L7ZBTV	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

L8LYC7	PowerPlex® Fusion 5C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
L8MNKA	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
LAJ8DF	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
LDZURK	Identifiler® Plus					
		20,24		15,16	11,13	
4	8,11	12,13			12	11,13
	14,16	12,14	28,32.2		X	9,12
	20,21				9,9.3	8,9
	15,17					
LF4KZL	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
LFFHWR	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
LGY9EA	PowerPlex® Fusion 5C, GlobalFiler™ Express					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

LNRVZC	PowerPlex® Fusion 6C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
LP4XJP	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
LQ9BZB	NGM SElect (LRmix Studio)					
	11,16	20,24	11,14	15,16		
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	
	15,17					
LQYCDA	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
LRCBLH	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
LWULT7	Identifiler®, Investigator® 24plex (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
LX9TEM	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

LXL27H	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
LY4FTC	PowerPlex® Fusion (STRMix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	INC				
LYCQ96	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
M744AB	PowerPlex® Fusion 5C (STRmix (Version 2.3.07))					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
M8PWYR	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
M93T6Y	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
M9XTWD	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

MBP9MT	PowerPlex® Fusion 6C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17	NR	NR	NR		
MCH7RE	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
MDNZG7	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
MENQQY	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
MEPVDG	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
MER64Y	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
MLGKC8	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

MLJNAA	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
MLZXZP	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
MM4A9C	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
MMBMGF	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
MMVLED	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	[9,9.3]	8,9
	15,17					
MP4NBB	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
MP8ZJZ	Identifiler® Plus, PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

MQW78Y	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
MV8HGY	Investigator® 24plex QS (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
MVJZ3C	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
MWJC4R	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
MWTX7Z	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
MXJQP6	PowerPlex® Fusion, MiniFiler					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	NR				
N2AKRD	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	

TABLE 2

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

Item 4 - STR Results

N6AWMD	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
N6WNWH	PowerPlex® 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
N87G2J	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
NA3XM7	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
NBJUGQ	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
NBVTAE	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
ND9MN9	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

NJYZG8	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
NK7C8X	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
NPF9NX	Investigator® 24plex QS					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
NTEKBY	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	---				
NTHEF4	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
NU99VF	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
NVLGZF	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

NWZTUD	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
NYRQGB	Identifiler® Plus					
		20,24		15,16	11,13	
4	8,11	12,13			12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					
P2UT36	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
P747K4	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
P87U8A	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
P9U9PR	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
PA3LYV	Investigator® 24plex QS (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

PB674A	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
PG673X	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
PG7PYD	Identifiler® Plus					
		20,24		15,16	11,13	
4	8,11	12,13			12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					
PM6ATB	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	N/A			N/A	
PMFK22	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
PNEV8X	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
PNMXPX	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

PNP6WC	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
PP24RK	GlobalFiler™ PCR Amplification Kit					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
PP2K2H	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
PPXFC	GlobalFiler™, MiniFiler					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
PQW8F8	PowerPlex® Fusion, GlobalFiler™ Express					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17	-			-	
PRGJZ2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
PTZEMK	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

PUCF47	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
PV4HQN	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
PVH447	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
PWT6P6	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
PX96AU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
PXDJVT	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
PYE7XT	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

PYJLJP	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
PYQRP9	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
Q4WD4D	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
Q7V2EM	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
Q8G9UA	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
Q929QT	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
QACQC6	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

QBRQVU	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
QC8CXN	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
QEBGXP	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
QJBARJ	PowerPlex® Fusion (TrueAllele)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
QK7X79	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	INC				
QPQBB4	PowerPlex® Fusion 6C (Lab Retriever)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
QUHYTP	Identifiler® Plus					
		20,24		15,16	11,13	
4	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

QVHY8F	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
QX2H87	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
R42GV2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
R9223C	GlobalFiler™ (Genemapper ID-X 1.5)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
RBHDK4	Identifiler® Plus					
		20,24		15,16	11,13	
4	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					
RCAGWX	Identifiler® Plus, MiniFiler					
		20,24		15,16	11,13	
4	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					
RGWFX7	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	

TABLE 2

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

Item 4 - STR Results

RL66F9	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
RLM3HD	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
RLNRQG	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
RLUQEW	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
RMYJWC	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
RNDHYV	PowerPlex® Fusion 5c					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
RNFQ6E	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

RNXLXZ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
RNZAK6	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NSD			NSD	
RTWTQA	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
RUD2VY	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
RUYFJC	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	21,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
RWRQQ2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
RXFXME	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

RXNLJY	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
T3AFW6	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
T4C83B	PowerPlex® Fusion (TrueAllele)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
T4PZGT	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
T6ZKKU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
TDDR4H	GlobalFiler™ (STRmix v2.4)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	no results			no results	
TJFKXT	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

TKA24C	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
TKXYJ6	PowerPlex® Fusion 6C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
TL4B9T	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
TMW9GY	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
TNFWDL	GlobalFiler™ (STRMIX)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
TP7BJA	PowerPlex® Fusion (TrueAllele)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
TRNFY9	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	

TABLE 2

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

Item 4 - STR Results

TRVHTM	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
TV4M2V	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
TVN9RZ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
TW3NA8	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	No Result			No Result	
TWPFHD	Investigator® 24plex QS					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
U28LGQ	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
U38AQV	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

U4Y96T	Investigator® 24plex QS (STRmix v2.6.3)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
U4ZXDW	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
U63PHH	GlobalFiler™ (STRmix 2.4)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	No results			No results	
U68ZZA	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
U6FYBX	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
U78YBU	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
U8X4QW	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

UAPHER	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
UAZ2Y4	PowerPlex® Fusion 5C (STRMix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
UBJZA	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
UEJPK8	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
UEKCKQ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
UG29MJ	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
UGBB2B	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

UGLDEB	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
UHBK3Z	PowerPlex® Fusion 6C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
UHFVY7	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
UHKMGQ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
UHN3TR	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
UJAL4K	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
UMXH3F	PowerPlex® Fusion (TrueAllele)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

UN2TMT	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
UNT7G6	PowerPlex® Fusion 5C (STRMix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	INC				
UQELY2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
UQTCLR	Investigator® 24plex QS (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
UUP4R3	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
UUZGRL	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
V3ENFV	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

V66PLJ	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
V68EYE	GlobalFiler™ PCR Amplification Kit					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
V8JJP6	Investigator® 24plex QS					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-				
VDKR2Y	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	No Results			No Results	
VEBJR6	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
VFAZAE	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
VFKG6L	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	Neg.				

TABLE 2

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

Item 4 - STR Results

VGJ3XX	Investigator® 24plex QS					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR				
VGVHQK	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
VL94ZR	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
VMMAD2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
VP2F6V	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
VRL2M6	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
VRLHM3	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

VU42R2	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
VULBK2	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
WV6P8	PowerPlex® Fusion 6C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
VX6Q69	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
VXG2EY	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
VXKLF2	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
W7HFKD	GlobalFiler™ PCR Amplification kit					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

WA4LEM	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
WBGU83	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	NA
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	NA	NA	17,19	9,9.3	8,9
	15,17	NR	NA	NA	NR	
WCTUJH	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
WFKXTU	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
WG3CE7	PowerPlex® Fusion 6C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
WHCDBC	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
WM7RZ3	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

WNLJDW	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
WPCXBM	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
WPVGHF	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
WQQ6W4	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
WRUKM2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
WVKZR9	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
WWBFPY	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	no results			no results	

TABLE 2

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

Item 4 - STR Results

WZGKXD	PowerPlex® Fusion						
		11,16	20,24	11,14	15,16	11,13	
	4	8,11	12,13	13,15	17,20	12	11,13
		14,16	12,14	28,32.2	15,16	X	9,12
		20,21	12,14	7,11		9,9.3	8,9
	15,17						
X2KYHQ	Identifiler® Plus, Identifiler						
			20,24		15,16	11,13	
	4	8,11	12,13			12,12	11,13
		14,16	12,14	28,32.2		X,X	9,12
		20,21				9,9.3	8,9
	15,17						
X2VJWM	PowerPlex® Fusion						
		11,16	20,24	11,14	15,16	11,13	
	4	8,11	12,13	13,15	17,20	12	11,13
		14,16	12,14	28,32.2	15,16	X	9,12
		20,21	12,14	7,11		9,9.3	8,9
	15,17						
X3CFL2	PowerPlex® Fusion 6C						
		11,16	20,24	11,14	15,16	11,13	
	4	8,11	12,13	13,15	17,20	12,12	11,13
		14,16	12,14	28,32.2	15,16	X,X	9,12
		20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17						
XAYLHU	GlobalFiler™						
		11,16	20,24	11,14	15,16	11,13	
	4	8,11	12,13	13,15	17,20	12	11,13
		14,16	12,14	28,32.2	15,16	X	9,12
		20,21			17,19	9,9.3	8,9
	15,17						
XBMFYU	GlobalFiler™						
		11,16	20,24	11,14	15,16	11,13	
	4	8,11	12,13	13,15	17,20	12	11,13
		14,16	12,14	28,32.2	15,16	X	9,12
		20,21			17,19	9,9.3	8,9
	15,17						
XEGV7C	GlobalFiler™						
		11,16	20,24	11,14	15,16	11,13	
	4	8,11	12,13	13,15	17,20	12	11,13
		14,16	12,14	28,32.2	15,16	X	9,12
		20,21			17,19	9,9.3	8,9
	15,17						

TABLE 2

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

Item 4 - STR Results

XEL8U8	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
XEZJN7	PowerPlex® Fusion 5C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
XF7EJ3	Identifiler® Plus					
		20,24		15,16	11,13	
4	8,11	12,13			12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					
XLT9G3	PowerPlex® Fusion 6C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
XMJ7WV	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21		17,19		9,9.3	8,9
	15,17					
XMWENP	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21		17,19		9,9.3	8,9
	15,17					
XP4UWG	Identifiler® Plus					
		20,24		15,16	11,13	
4	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

XQY9Q2	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
XVHR3M	Investigator® 24plex QS					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-				
XVYWD	PowerPlex® Fusion 6C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
XVWH7X	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
Y6R89N	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
Y6ZTUE	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
Y76ZM3	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

Y7PG37	PowerPlex® Fusion (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
Y8LGFP	Investigator® 24plex QS (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
YDPWUY	PowerPlex® Fusion 6C (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	XX	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					
YEY7F4	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
YL8TZX	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
YMWUFG	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
YNRVH6	Investigator® 24plex QS					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

YU6JPE	GlobalFiler™, MiniFiler					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	no result			no result	
YVC38M	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
YXD427	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
YXEUA	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
YXHGN3	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
YXKTWQ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
YZJM2N	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

Z2RH6L	GlobalFiler™ (STRmix v2.5)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
Z4L49W	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					
Z9WRQP	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
ZA6TRZ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	-			-	
ZB8FN4	PowerPlex® Fusion					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17	ND				
ZBT36T	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	----			----	
ZBVTDW	PowerPlex® Fusion 6C (STRmix v 2.5)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11	17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

ZCWKK3	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
ZEMLQQ	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
ZERGTH	Investigator® 24plex					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
ZGANTB	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	no result			no result	
ZJ2KG6	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
ZK632P	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
ZK6HBM	Investigator® 24plex QS (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

ZP34D9	Identifiler® Plus					
		20,24		15,16	11,13	
4	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					
ZPZ8XL	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
ZV9QYY	GlobalFiler™, MiniFiler					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
ZVQLRK	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	ND			ND	
ZW2P87	GlobalFiler™					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
ZXDCQ7	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17	NR			NR	
ZYTMU3	Identifiler® Plus					
		20,24		15,16	11,13	
4	8,11	12,13			12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					

TABLE 2

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

Item 4 - STR Results

ZZMRDW	PowerPlex® Fusion 5C					
	11,16	20,24	11,14	15,16	11,13	
4	8,11	12,13	13,15	17,20	12,12	11,13
	14,16	12,14	28,32.2	15,16	X,X	9,12
	20,21	12,14	7,11		9,9.3	8,9
	15,17					

TABLE 2

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

Item 4e - STR Results

QEER7F	GlobalFiler™ (STRmix)					
	11,16	20,24	11,14	15,16	11,13	
4e	8,11	12,13	13,15	17,20	12	11,13
	14,16	12,14	28,32.2	15,16	X	9,12
	20,21			17,19	9,9.3	8,9
	15,17					
T8HNG2	Identifiler® Plus					
		20,24		15,16	11,13	
4e	8,11	12,13			12,12	11,13
	14,16	12,14	28,32.2		X,X	9,12
	20,21				9,9.3	8,9
	15,17					

TABLE 2

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

Item 4sp - STR Results

QEER7F GlobalFiler™ (STRmix)

4sp



T8HNG2 Identifiler® Plus

4sp



YSTR Amplification Kit(s) & Results

TABLE 3

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

Item 1 - YSTR Results

26DGDZ	PowerPlex® Y 23								
1	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
2RWWCT	PowerPlex® Y 23								
1									
4KJKRQ	Yfiler™								
1		NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
							NR		NR
638DTN	Yfiler™ Plus								
1									
6KDPKP	Yfiler™								
1		NR	NR, NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NR	NR		NR
							NR		NR
7UUT7U	Yfiler™ Plus								
1	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NT	NR	NR	NR	NR	NT	NR
AVECQX	Yfiler™ Plus								
1	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
CE2KZX	Yfiler™								
1									
G7NB8K	Yfiler™ Plus								
1									
LDZURK	Yfiler™								
1		NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA		NA	NA		NA
							NA		NA
LGY9EA	Yfiler™								
1	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-

TABLE 3

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

Item 1 - YSTR Results

Q7V2EM									
1	NT	NT	NT	NT	NT	NT	NT	NT	NT
	NT	NT	NT	NT	NT	NT	NT	NT	NT
	NT	NT		NT	NT	NT	NT		NT
TW3NA8 Yfiler™ Plus									
1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA		NA	NA	NA	NA		NA
UHFVY7 Yfiler™ Plus									
1									
YU6JPE									
1		no result	no result	no result	no result	no result	no result	no result	no result
	no result	no result	no result	no result		no result	no result		
							no result		no result

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

26DGDZ	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
2EDC8P	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
2G6PWH	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
2G7ZUR	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
2GQ3UT	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
2JFB2A	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
2RWWCT	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
2TXACD	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
34W9WP	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
3AWAKU	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
3DDPW8	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 2 - YSTR Results

3GVCLQ	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
43CZW3	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
46Y3N4	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
4H6GZE	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
4KJKRQ	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
4LPN2M	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
4T82ZL	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
4UZQMN	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
4VQD2R	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
4YGXG2	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
638DTN	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 2 - YSTR Results

639LZT	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
66X7PX	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
682QTX	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
6J2V2J	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
6KDPKP	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
6NN7WU	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
6QXPYG	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
6UFBQX	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
6WHCQV	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
6WTZ92	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
7388AE	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 2 - YSTR Results

74GFX6	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
74VEYN	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
7669VN	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
7A8LYL	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
7AQEQJ	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
7FR8LU	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
7GPW7V	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
7J9QPW	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
7MW4M6	Yfiler™ Plus PCR Amplification Kit								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
7QTQ3N	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
7TCURL	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 2 - YSTR Results

7UUT7U	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11	NT	20	17	19	22	NT	11
839HGT	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
89W22W	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
8AN3RU	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
8FCMTN	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
8MPTDY	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
8QYPAM	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
8XWU7R	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
94F3X2	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
94U4GQ	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
9BPR32	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11

TABLE 3

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

Item 2 - YSTR Results

9BQJ2A	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
9CQXMM	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
9DFT9P	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
9GGYLA	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
9RRTL	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
9RZ42M	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
9T9FJN	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
9TG6DM	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
9UNM3K	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
9VTT2L	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
ABPVKG	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	INC	17		22	12	11

TABLE 3

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

Item 2 - YSTR Results

ADEBQK	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
AH6KZJ	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
ALU6TU	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
AN8DVT	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
AQKMGY	Yfiler™ Plus PCR Amplification Kit								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
AVECQX	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
B2DQVC	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
B3WCUU	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
B9V9WF	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
BCXZLQ	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
BE8BWU	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 2 - YSTR Results

BEYQBD	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
BF267L	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
BFPEPG	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
BGH98Q	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
BGQMY7	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
BHB7FX	PowerPlex® Y 23								
2	NT	14	14,15	12	29	23	10	11	13
	16	10	11	20	NT	14	14	NT	25
	NT	11	12	20	17	NT	22	12	11
BKBEHM	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
BNBPDJ	Yfiler™ Plus, PowerPlex® Y 23								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11	12	20	17	19	22	12	11
BVN7LJ	Yfiler™ 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
BWGMTR	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
BY9E8J	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 2 - YSTR Results

BYUX7X	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
C2TEHD	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
C6EJKN	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
CDBAA6	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
CE2KZX	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
CEE84K	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
CEU74H	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
CHZU3Y	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
CKLTVN	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11	-	20	17	19	22	-	11
CP24BD	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
CU8CJN	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 2 - YSTR Results

CUAMCQ	Yfiler™								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
CUTRRY	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
CVREKB	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
CWM4X4	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
CWNWVB	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
D2QKBX	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
D2RD97	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
D4336M	Yfiler™								
2	--	14	14,15	12	29	23	10	11	13
	16	10	11	20	--	14	14	--	--
	--	--	--	--	--	--	22	--	11
DA4C2W	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
DAKNLM	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
DDJYGM	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 2 - YSTR Results

DFA8VF	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
DFKNHP	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
DMMLNF	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
DMRZAF	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
DNJY9M	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
DNYTTF	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
DTHNV8	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
DVJWZH	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
DXMB83	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
E4DJGR	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
E4UPTB	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11

TABLE 3

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

Item 2 - YSTR Results

E4ZUG3	Yfiler™									
	2	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		11	
							22			
E6944Q	PowerPlex® Y 23									
	2	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		25	
	11	12	20	17		22	12	11		
E73QQ6	Yfiler™ Plus									
	2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25	
	38	11		20	17	19	22		11	
EBEH9J	Yfiler™									
	2	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14			
							22		11	
EE9AUF	PowerPlex® Y 23									
	2	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		25	
	11	12	20	17		22	12	11		
EEGXNE	Yfiler™									
	2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25	
	38	11		20	17	19	22		11	
EGKQHD	Yfiler™ Plus									
	2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25	
	38	11		20	17	19	22		11	
EJD3EH	Yfiler™									
	2	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14			
							22		11	
EJQRHV	PowerPlex® Y 23									
	2	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		25	
	11	12	20	17		22	12	11		
EKWEHV	Yfiler™									
	2	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14			
							22		11	
EPNLZ4	Yfiler™									
	2	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14			
							22		11	

TABLE 3

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

Item 2 - YSTR Results

EQTQ82	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
EUH3FX	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
EY2GCP	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
F3XJX6	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
F63ARD	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
FA8KQD	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
FDDV2V	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
FMNGD9	Yfiler™, Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
FTUAQD	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
FVHHYT	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
G3AHDL	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 2 - YSTR Results

G7NB8K	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
G7TAKM	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
G9C7XT	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
GRWULE	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
GTWDZA	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
GY6RQL	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
H2DYXK	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
H394L7	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
H4Y2Z6	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
H8GJVU	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
H8LQQV	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11

TABLE 3

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

Item 2 - YSTR Results

H9AG2F	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
HDU734	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
HEREQH	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
HGRLGV	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
HNMQAW	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
HPN26K	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
HYHK6Z	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
J3WKTE	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
JECTWD	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
JHB4TD	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
JHLTBH	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11

TABLE 3

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

Item 2 - YSTR Results

JKAZYL	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
JKXDPE	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
JN2GU2	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
JN4HXT	Yfiler™ Plus PCR Amplification Kit								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
JNJMUQ	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
JQU8DK	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
JTFTB	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
JVTL3W	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
JXMGT6	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
K7E4DA	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
K9NYGC	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 2 - YSTR Results

KAFTRA	Yfiler™ Plus									
	2	37,37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
KBXAQF	Yfiler™									
	2		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		
								22		11
KEQUY7	Yfiler™ Plus									
	2	37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
KFQBCA	Yfiler™									
	2		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		
								22		11
KHGTUF	Yfiler™									
	2		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		
								22		11
KRNWY8	Yfiler™ Plus									
	2	37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
KU3PEG	PowerPlex® Y 23									
	2		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		25
			11	12	20	17		22	12	11
L8LYC7	PowerPlex® Y 23									
	2		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		25
			11	12	20	17		22	12	11
L8MNKA	PowerPlex® Y 23									
	2		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		25
			11	12	20	17		22	12	11
LDZURK	Yfiler™									
	2		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		
								22		11
LFFHWR	Yfiler™ Plus									
	2	37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11

TABLE 3

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

Item 2 - YSTR Results

LGY9EA	Yfiler™								
2	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
LNRVZC	PowerPlex® Y 23								
2	14	14,15	12	29	23	10	11	13	
	16	10	11	20	14	14		25	
	11	12	20	17		22	12	11	
LP4XJP	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
LQ9BZB	PowerPlex® Y 23								
2	14	14,15	12	29	23	10	11	13	
	16	10	11	20	14	14		25	
	11	12	20	17		22	12	11	
LQYCDA	PowerPlex® Y 23								
2	14	14,15	12	29	23	10	11	13	
	16	10	11	20	14	14		25	
	11	12	20	17		22	12	11	
LRCBLH	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
LWULT7	Yfiler™								
2	14	14,15	12	29	23	10	11	13	
	16	10	11	20	14	14			
						22		11	
LXL27H	Yfiler™								
2	14	14,15	12	29	23	10	11	13	
	16	10	11	20	14	14			
						22		11	
LY4FTC	Yfiler™								
2	14	14,15	12	29	23	10	11	13	
	16	10	11	20	14	14			
						22		11	
M4XLBF	PowerPlex® Y 23								
2	14	14,15	12	29	23	10	11	13	
	16	10	11	20	14	14		25	
	11	12	20	17		22	12	11	
M9XTWD	PowerPlex® Y 23								
2	14	14,15	12	29	23	10	11	13	
	16	10	11	20	14	14		25	
	11	12	20	17		22	12	11	

TABLE 3

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

Item 2 - YSTR Results

MBP9MT	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
MCH7RE	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
MENQQY	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
MEPVDG	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
MER64Y	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
MLGKC8	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
MLJNAA	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
MLZXZP	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
MMBMGF	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
MMVLED	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
MWJC4R	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 2 - YSTR Results

MXJQP6	Yfiler™									
	2	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		11	
							22			
N2AKRD	Yfiler™									
	2	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		11	
							22			
N6AWMD	Yfiler™									
	2	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		11	
							22			
NA3XM7	PowerPlex® Y 23									
	2	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		25	
		11	12	20	17		22	12	11	
ND9MN9	Yfiler™ Plus									
	2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25	
	38	11		20	17	19	22		11	
NK7C8X	Yfiler™ Plus									
	2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25	
	38	11		20	17	19	22		11	
NPF9NX	Yfiler™ Plus									
	2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25	
	38	11		20	17	19	22		11	
NWZTUD	Yfiler™ Plus									
	2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25	
	38	11		20	17	19	22		11	
NYRQGB	Yfiler™									
	2	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		11	
							22			
PG673X	Yfiler™ Plus									
	2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25	
	38	11		20	17	19	22		11	
PG7PYD	Yfiler™									
	2	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		11	
							22			

TABLE 3

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

Item 2 - YSTR Results

PHEV9A	Yfiler™ Plus									
	2	37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
PM6ATB	Yfiler™									
	2		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		
								22		11
PNMXPX	PowerPlex® Y 23									
	2		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		25
			11	12	20	17		22	12	11
PP24RK	Yfiler™ Plus PCR Amplification Kit									
	2	37,37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
PPXFC	Yfiler™									
	2		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		
								22		11
PQW8F8	Yfiler™									
	2		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		
								22		11
PRGJ22	Yfiler™ Plus									
	2	37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
PUCF47	Yfiler™									
	2		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		
								22		11
PVH447	Yfiler™ Plus									
	2	37,37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
PWT6P6	Yfiler™ Plus									
	2	37,37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
PX96AU	Yfiler™ Plus									
	2	37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11

TABLE 3

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

Item 2 - YSTR Results

PYE7XT PowerPlex® Y 23										
2		14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		25	
		11	12	20	17		22	12	11	
PYQRP9 Yfiler™ Plus										
2	37,37	14	14,15	12	29	23	10	11	13	
	16	10	11	20	29	14	14	10	25	
	38	11		20	17	19	22		11	
Q7V2EM Yfiler™ Plus										
2	37	14	14,15	12	29	23	10	11	13	
	16	10	11	20	29	14	14	10	25	
	38	11		20	17	19	22		11	
Q929QT Yfiler™ Plus										
2	37	14	14,15	12	29	23	10	11	13	
	16	10	11	20	29	14	14	10	25	
	38	11		20	17	19	22		11	
QEGBXP Yfiler™ Plus										
2	37	14	14,15	12	29	23	10	11	13	
	16	10	11	20	29	14	14	10	25	
	38	11		20	17	19	22		11	
QJBARJ PowerPlex® Y 23										
2		14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		25	
		11	12	20	17		22	12	11	
QK7X79 Yfiler™										
2		14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14			
							22		11	
QPQBB4 Yfiler™ Plus										
2	37	14	14,15	12	29	23	10	11	13	
	16	10	11	20	29	14	14	10	25	
	38	11		20	17	19	22		11	
QUHYTP Yfiler™ Plus										
2	37	14	14,15	12	29	23	10	11	13	
	16	10	11	20	29	14	14	10	25	
	38	11		20	17	19	22		11	
QVHY8F Yfiler™ Plus										
2	37,37	14	14,15	12	29	23	10	11	13	
	16	10	11	20	29	14	14	10	25	
	38	11		20	17	19	22		11	
QX2H87 Yfiler™ Plus										
2	37,37	14	14,15	12	29	23	10	11	13	
	16	10	11	20	29	14	14	10	25	
	38	11		20	17	19	22		11	

TABLE 3

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

Item 2 - YSTR Results

R42GV2	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
RBHDK4	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
RCAGWX	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
RGWFX7	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
RMYJWC	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
RNDHYV	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
RFXME	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
RXNLJY	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
T3AFW6	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
T4C83B	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
T4PZGT	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11

TABLE 3

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

Item 2 - YSTR Results

T8HNG2	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
TL4B9T	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
TP7BJA	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
TRNFY9	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
TRVHTM	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
TVN9RZ	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
TW3NA8	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
U38AQV	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
U4ZXDW	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
U63PHH	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
UAPHER	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 2 - YSTR Results

UAZ2Y4	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
UEKCKQ	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
UGBB2B	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
UHBK3Z	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
UHFVY7	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
UHKMGQ	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
UHN3TR	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
UJAL4K	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
UKJF37	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
UMXH3F	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
UNT7G6	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11

TABLE 3

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

Item 2 - YSTR Results

UQELY2	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
UUP4R3	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
V68EYE	Yfiler™ Plus PCR Amplification Kit								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
VDKR2Y	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
VEBJR6	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
VFAZAE	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
VFKG6L	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
VGJ3XX	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
VL94ZR	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
VMMAD2	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
VRLHM3	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 2 - YSTR Results

VU42R2	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
VULBK2	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
VXKLF2	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
W7HFKD	Yfiler™ Plus PCR Amplification Kit								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
WM7RZ3	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
WPCXBM	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
WQQ6W4	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
WRUKM2	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
WVKZR9	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
WWBFPY	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
X2KYHQ	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 2 - YSTR Results

X3CFL2	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
XAYLHU	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
XEGV7C	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
XF7EJ3	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
XMUR9X	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
XP4UWG	Yfiler™ Plus								
2	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
XQY9Q2	Yfiler™ Plus								
2	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
Y6ZTUE	Yfiler™								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
Y76ZM3	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
Y7PG37	PowerPlex® Y 23								
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
YU6JPE									
2		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11

TABLE 3

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

Item 2 - YSTR Results

YZJM2N	Yfiler™ Plus									
	2	37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
ZA6TRZ	Yfiler™ Plus									
	2	37,37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
ZBT36T	Yfiler™ Plus									
	2	37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
ZERGTH	Yfiler™ Plus									
	2	37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
ZGANTB	Yfiler™ Plus									
	2	37,37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
ZK632P	Yfiler™									
	2		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		
								22		11
ZPZ8XL	Yfiler™ Plus									
	2	37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
ZV9QYY	Yfiler™									
	2		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		
								22		11
ZXDCQ7	Yfiler™ Plus									
	2	37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
ZYTMU3	Yfiler™									
	2		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		
								22		11

TABLE 3

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

Item 3 - YSTR Results

26DGDZ	PowerPlex® Y 23								
3	14	14,15	12	29	23	10	11	13	
	16	10	11	20	14	14		25	
		11	12	20	17	22	12	11	
2EDC8P	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
2G6PWH	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
2G7ZUR	Yfiler™								
3	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		
							22		11
2GQ3UT	Yfiler™								
3	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		
							22		11
2JFB2A	PowerPlex® Y 23								
3	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		25
		11	12	20	17	22	12	11	
2TXACD	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
34W9WP	Yfiler™								
3	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		
							22		11
3AWAKU	PowerPlex® Y 23								
3	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		25
		11	12	20	17	22	12	11	
3DDPW8	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
3GVCLQ	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 3 - YSTR Results

43CZW3	Yfiler™ Plus									
	3	37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
46Y3N4	PowerPlex® Y 23									
	3		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		25
			11	12	20	17		22	12	11
4H6GZE	Yfiler™									
	3		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		
								22		11
4KJKRQ	Yfiler™									
	3		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		
								22		11
4LPN2M	Yfiler™ Plus									
	3	37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
4T82ZL	Yfiler™ Plus									
	3	37,37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
4UZQMN	Yfiler™ Plus									
	3	37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
4VQD2R	PowerPlex® Y 23									
	3		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		25
			11	12	20	17		22	12	11
4YGXG2	Yfiler™ Plus									
	3	37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
639LZT	Yfiler™ Plus									
	3	37,37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
66X7PX	Yfiler™ Plus									
	3	37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11

TABLE 3

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

Item 3 - YSTR Results

682QTX	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
6J2V2J	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
6JHNKM	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
6KDPPK	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
6NN7WU	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
6QCTDN	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
6QXPYG	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
6UFBQX	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
6WHCQV	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
6WTZ92	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
7388AE	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 3 - YSTR Results

74GFX6	Yfiler™									
	3	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14			
							22		11	
74VEYN	PowerPlex® Y 23									
	3	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		25	
		11	12	20	17		22	12	11	
7669VN	PowerPlex® Y 23									
	3	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		25	
		11	12	20	17		22	12	11	
7A8LYL	Yfiler™									
	3	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14			
							22		11	
7AQEQJ	Yfiler™ Plus									
	3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25	
	38	11		20	17	19	22		11	
7FR8LU	PowerPlex® Y 23									
	3	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		25	
		11	12	20	17		22	12	11	
7GPW7V	Yfiler™ Plus									
	3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25	
	38	11		20	17	19	22		11	
7J9QPW	PowerPlex® Y 23									
	3	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		25	
		11	12	20	17		22	12	11	
7MW4M6	Yfiler™ Plus PCR Amplification Kit									
	3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25	
	38	11		20	17	19	22		11	
7QTQ3N	PowerPlex® Y 23									
	3	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		25	
		11	12	20	17		22	12	11	
7TCURL	Yfiler™ Plus									
	3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25	
	38	11		20	17	19	22		11	

TABLE 3

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

Item 3 - YSTR Results

7UUT7U	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11	NT	20	17	19	22	NT	11
839HGT	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
89W22W	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
8AN3RU	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
8FCMTN	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
8MPTDY	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
8QYPAM	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
8XWU7R	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
94F3X2	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
94U4GQ	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
9BPR32	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11

TABLE 3

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

Item 3 - YSTR Results

9BQJ2A	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
9CQXMM	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
9DFT9P	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
9GGYLA	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
9RRTL	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
9RZ42M	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
9T9FJN	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
9TG6DM	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
9UNM3K	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
9VTT2L	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
ABPVKG	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	INC	17		22	12	11

TABLE 3

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

Item 3 - YSTR Results

ADEBQK	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
AH6KZJ	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
ALU6TU	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
AN8DVT	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
AQKMGY	Yfiler™ Plus PCR Amplification Kit								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
AVECQX	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
B2DQVC	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
B3WCUU	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
B9V9WF	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
BCXZLQ	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
BE8BWU	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 3 - YSTR Results

BEYQBD	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
BF267L	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
BFPEPG	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
BGH98Q	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
BGQMY7	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
BHB7FX	PowerPlex® Y 23								
3	NT	14	14,15	12	29	23	10	11	13
	16	10	11	20	NT	14	14	NT	25
	NT	11	12	20	17	NT	22	12	11
BKBEHM	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
BNBPDJ	Yfiler™ Plus, PowerPlex® Y 23								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11	12	20	17	19	22	12	11
BVN7LJ	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
BWGMTR	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
BY9E8J	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 3 - YSTR Results

BYUX7X	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
C6EJKN	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
CDBAA6	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
CE2KZX	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
CEE84K	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
CEU74H	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
CHZU3Y	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
CKLTVN	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11	-	20	17	19	22	-	11
CP24BD	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
CU8CJN	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
CUAMCQ	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 3 - YSTR Results

CUTRRY	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
CVREKB	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
CWM4X4	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
CWNWVB	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
D2QKBX	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
D2RD97	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
D4336M	Yfiler™								
3	--	14	14,15	12	29	23	10	11	13
	16	10	11	20	--	14	14	--	--
	--	--	--	--	--	--	22	--	11
DA4C2W	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
DDJYGM	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
DFA8VF	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
DFKNHP	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11

TABLE 3

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

Item 3 - YSTR Results

DMMLNF	PowerPlex® Y 23								
3	14	14,15	12	29	23	10	11	13	
	16	10	11	20	14	14		25	
		11	12	20	17	22	12	11	
DMRZAF	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
DNYTTF	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
DTHNV8	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
DVJWZH	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
E4DJGR	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
E4UPTB	Yfiler™								
3	14	14,15	12	29	23	10	11	13	
	16	10	11	20	14	14			
						22			11
E4ZUG3	Yfiler™								
3	14	14,15	12	29	23	10	11	13	
	16	10	11	20	14	14			
						22			11
E6944Q	PowerPlex® Y 23								
3	14	14,15	12	29	23	10	11	13	
	16	10	11	20	14	14		25	
		11	12	20	17	22	12	11	
E73QQ6	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
EBEH9J	Yfiler™								
3	14	14,15	12	29	23	10	11	13	
	16	10	11	20	14	14			
						22			11

TABLE 3

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

Item 3 - YSTR Results

EE9AUF	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
EEGXNE	Yfiler™								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
EGKQHD	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
EJD3EH	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
EJQRHV	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
EKWEHV	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
EPNLZ4	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
EQTQ82	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
EUH3FX	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
EY2GCP	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
F3XJ6	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11

TABLE 3

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

Item 3 - YSTR Results

F63ARD	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
FA8KQD	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
FDDV2V	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
FMNGD9	Yfiler™, Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
FTUAQD	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
FVHHYT	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
G3AHDL	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
G7NB8K	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
G7TAKM	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
G9C7XT	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
GRWULE	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11

TABLE 3

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

Item 3 - YSTR Results

GTWDZA	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
GY6RQL	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
H2DYXK	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
H394L7	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
H4Y2Z6	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
H8GJVU	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
H8LQQV	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
H9AG2F	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
HDU734	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
HEREQH	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
HGRLGV	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 3 - YSTR Results

HNMQAW	Yfiler™ Plus									
	3	37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
HPN26K	Yfiler™									
	3		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		
								22		11
HYHK6Z	PowerPlex® Y 23									
	3		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		25
			11	12	20	17		22	12	11
J3WKTE	Yfiler™ Plus									
	3	37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
JECTWD	Yfiler™ Plus									
	3	37,37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
JHB4TD	Yfiler™ Plus									
	3	37,37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
JHLTBH	PowerPlex® Y 23									
	3		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		25
			11	12	20	17		22	12	11
JKAZYL	Yfiler™ Plus									
	3	37,37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
JKXDPE	PowerPlex® Y 23									
	3		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		25
			11	12	20	17		22	12	11
JN2GU2	Yfiler™ Plus									
	3	37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11
JN4HXT	Yfiler™ Plus PCR Amplification Kit									
	3	37,37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
		38	11		20	17	19	22		11

TABLE 3

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

Item 3 - YSTR Results

JNJMUQ	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
JQU8DK	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
JTFTB	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
JVTL3W	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
JXMGT6	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
K7E4DA	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
K9NYGC	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
KAFLRA	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
KBXAQF	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
KEQUY7	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
KFQBCA	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11

TABLE 3

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

Item 3 - YSTR Results

KHGTUF	Yfiler™									
	3	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		11	
							22			
KRNWY8	Yfiler™ Plus									
	3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25	
38	11		20	17	19	22		11		
L8LYC7	Yfiler™									
	3	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		25	
		11	12	20	17		22	12	11	
L8MNKA	PowerPlex® Y 23									
	3	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		25	
		11	12	20	17		22	12	11	
LDZURK	Yfiler™									
	3	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		11	
							22		11	
LFFHWR	Yfiler™ Plus									
	3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25	
38	11		20	17	19	22		11		
LGY9EA	Yfiler™									
	3	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		11	
							22		11	
LNRVZC	PowerPlex® Y 23									
	3	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		25	
		11	12	20	17		22	12	11	
LP4XJP	Yfiler™ Plus									
	3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25	
38	11		20	17	19	22		11		
LQ9BZB	PowerPlex® Y 23									
	3	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		25	
		11	12	20	17		22	12	11	
LQYCDA	PowerPlex® Y 23									
	3	14	14,15	12	29	23	10	11	13	
	16	10	11	20		14	14		25	
		11	12	20	17		22	12	11	

TABLE 3

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

Item 3 - YSTR Results

LRCBLH	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
LWULT7	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
LXL27H	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
LY4FTC	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
M9XTWD	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
MBP9MT	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
MCH7RE	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
MENQQY	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
MEPVDG	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
MER64Y	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
MLGKC8	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 3 - YSTR Results

MLJNAA	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
MLZXZP	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
MMBMGF	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
MMVLED	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
MWJC4R	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
MXJQP6	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
N2AKRD	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
N6AWMD	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
NA3XM7	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
ND9MN9	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
NK7C8X	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 3 - YSTR Results

NPF9NX	Yfiler™ Plus									
	3	37,37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22			11
NWZTUD	Yfiler™ Plus									
	3	37,37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22			11
NYRQGB	Yfiler™									
	3		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		25
							22			11
PG673X	Yfiler™ Plus									
	3	37,37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22			11
PG7PYD	Yfiler™									
	3		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		25
							22			11
PM6ATB	Yfiler™									
	3		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		25
							22			11
PNMXPX	PowerPlex® Y 23									
	3		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		25
		11	12	20	17		22	12		11
PP24RK	Yfiler™ Plus PCR Amplification Kit									
	3	37,37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22			11
PPXFC	Yfiler™									
	3		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		25
							22			11
PQW8F8	Yfiler™									
	3		14	14,15	12	29	23	10	11	13
		16	10	11	20		14	14		25
							22			11
PRGJZ2	Yfiler™ Plus									
	3	37	14	14,15	12	29	23	10	11	13
		16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22			11

TABLE 3

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

Item 3 - YSTR Results

PUCF47	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
PVH447	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
PWT6P6	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
PX96AU	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
PYE7XT	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
PYQRP9	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
Q7V2EM	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
Q929QT	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
QEBGXP	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
QJBARJ	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
QK7X79	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11

TABLE 3

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

Item 3 - YSTR Results

QPQBB4	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
QVHY8F	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
QX2H87	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
R42GV2	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
RCAGWX	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
RGWFX7	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
RMYJWC	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
RNDHYV	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
RXFXME	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
RXNLJY	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
T3AFW6	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 3 - YSTR Results

T4C83B	PowerPlex® Y 23								
3	14	14,15	12	29	23	10	11	13	
	16	10	11	20	14	14		25	
	11	12	20	17		22	12	11	
T4PZGT	PowerPlex® Y 23								
3	14	14,15	12	29	23	10	11	13	
	16	10	11	20	14	14		25	
	11	12	20	17		22	12	11	
TL4B9T	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
TP7BJA	PowerPlex® Y 23								
3	14	14,15	12	29	23	10	11	13	
	16	10	11	20	14	14		25	
	11	12	20	17		22	12	11	
TRNFY9	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
TRVHTM	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
TVN9RZ	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
TW3NA8	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
U38AQV	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
U4ZXDW	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
U63PHH	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 3 - YSTR Results

UAPHER	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
UAZ2Y4	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
UEKCKQ	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
UGBB2B	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
UHBK3Z	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
UHFVY7	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
UHKMGQ	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
UHN3TR	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
UJAL4K	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
UMXH3F	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
UNT7G6	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11

TABLE 3

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

Item 3 - YSTR Results

UQELY2	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
UUP4R3	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
V68EYE	Yfiler™ Plus PCR Amplification Kit								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
VDKR2Y	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
VEBJR6	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
VFAZAE	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
VFKG6L	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
VGJ3XX	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
VL94ZR	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
VMMAD2	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
VRLHM3	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 3 - YSTR Results

VU42R2	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
VULBK2	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
VXKLF2	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
W7HFKD	Yfiler™ Plus PCR Amplification Kit								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
WM7RZ3	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
WPCXBM	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
WQQ6W4	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
WRUKM2	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
WVKZR9	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
WWBFPY	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
X2KYHQ	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 3 - YSTR Results

X3CFL2	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
XAYLHU	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
XEGV7C	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
XF7EJ3	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
XQY9Q2	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
Y6ZTUE	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
Y76ZM3	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
Y7PG37	PowerPlex® Y 23								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		25
		11	12	20	17		22	12	11
YU6JPE	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
YZJM2N	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
ZA6TRZ	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11

TABLE 3

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

Item 3 - YSTR Results

ZBT36T	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
ZERGTH	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
ZGANTB	Yfiler™ Plus								
3	37,37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
ZK632P	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
ZPZ8XL	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
ZV9QYY	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		11
ZXDCQ7	Yfiler™ Plus								
3	37	14	14,15	12	29	23	10	11	13
	16	10	11	20	29	14	14	10	25
	38	11		20	17	19	22		11
ZYTMU3	Yfiler™								
3		14	14,15	12	29	23	10	11	13
	16	10	11	20		14	14		
							22		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

26DGDZ	PowerPlex® Y 23								
4	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
3DDPW8	Yfiler™ Plus								
4	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
4KJKRQ	Yfiler™								
4		NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
							NR		NR
6KDPKP	Yfiler™								
4		NR	NR, NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
							NR		NR
7UUT7U	Yfiler™ Plus								
4	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NT	NR	NR	NR	NR	NT	NR
94U4GQ	Yfiler™ Plus								
4	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
AVECQX	Yfiler™ Plus								
4	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
CU8CJN	Yfiler™ Plus								
4	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
CWM4X4									
4		F	F, F	F	F	F	F	F	F
	F	F	F	F	F	F	F	F	F
		F	F	F	F	F	F	F	F
EEGXNE	Yfiler™								
4									
H2DYXK	Yfiler™ Plus								
4	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR

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

HYHK6Z	PowerPlex® Y 23								
	4	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
		Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
LDZURK	Yfiler™								
	4	NA	NA	NA	NA	NA	NA	NA	NA
		NA	NA	NA	NA	NA	NA	NA	NA
LGY9EA	Yfiler™								
	4	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
PPXFC	Yfiler™								
	4								
Q7V2EM									
	4	NT	NT	NT	NT	NT	NT	NT	NT
		NT	NT	NT	NT	NT	NT	NT	NT
TW3NA8	Yfiler™ Plus								
	4	No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
		No Result	No Result	No Result	No Result	No Result	No Result	No Result	No Result
UHFVY7	Yfiler™ Plus								
	4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
VFKG6L	PowerPlex® Y 23								
	4	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
		Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
XQY9Q2	Yfiler™ Plus								
	4	NR	NR	NR	NR	NR	NR	NR	NR
		NR	NR	NR	NR	NR	NR	NR	NR
YU6JPE	Yfiler™								
	4	no result	no result	no result	no result	no result	no result	no result	no result
		no result	no result	no result	no result	no result	no result	no result	no result

Additional DNA Results

TABLE 4

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

Locus	WebCode	Item 1	Item 2	Item 3	Item 4
F13A01	BNBPD	5,5	7,7	7,7	5,5
F13B	BNBPD	9,10	6,8	6,8	9,10
FESFPS	BNBPD	10,11	10,12	10,12	10,11
LPL	BNBPD	10,10	10,11	10,11	10,10
PENTA C	BNBPD	9,11	12,12	12,12	9,11

Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1

Polymorphisms from Reference Sequence

	16220.0	16293.0	16311.0
ITEM 1			
4KJKRQ	G	G	C
64C768	G	G	C
7A8LYL	G	G	C
7MW4M6	G	G	C
AQKMGY	G	G	C
B2DQVC	G	G	C
BE8BWU	G	G	C
BNBPD	G	G	C
C6JBNJ	G	G	C
CWM4X4	G	G	C
E6944Q	G	G	C
EV6NM2	G	G	C
GMBB46	G	G	C
HPN26K	G	G	C
JN4HXT	G	G	C
LXL27H	G	G	C
LY4FTC	G	G	C
MXJQP6	G	G	C
NBJUGQ	G	G	C
PP24RK	G	G	C
PPXFC	G	G	C
Q6J2B7	G	G	C
V66PLJ	G	G	C
V68EYE	G	G	C
W7HFKD	G	G	C
WV4L8Y	G	G	C

TABLE 5a - ITEM 2

Polymorphisms from Reference Sequence

	16126.0	16294.0	16296.0	16519.0
ITEM 2				
4KJKRQ	C	T	T	C
64C768	C	T	T	
7A8LYL	C	T	T	
7MW4M6	C	T	T	
AQKMGY	C	T	T	
B2DQVC	C	T	T	
BE8BWU	C	T	T	
BNBPDL	C	T	T	C
C6JBNJ	C	T	T	C
CWM4X4	C	T	T	
E6944Q	C	T	T	C
EV6NM2	C	T	T	
GMBB46	C	T	T	
HPN26K	C	T	T	C
JN4HXT	C	T	T	
LXL27H	C	T	T	C
LY4FTC	C	T	T	
MXJQP6	C	T	T	C
NBJUGQ	C	T	T	
PP24RK	C	T	T	
PPXFC	C	T	T	
Q6J2B7	C	T	T	
V66PLJ	C	T	T	
V68EYE	C	T	T	
W7HFKD	C	T	T	
WV4L8Y	C	T	T	C

TABLE 5a - ITEM 3

Polymorphisms from Reference Sequence

	16126.0	16294.0	16296.0	16519.0
ITEM 3				
4KJKRQ	C	T	T	
64C768	C	T	T	
7A8LYL	C	T	T	
B2DQVC	C	T	T	
BE8BWU	C	T	T	
BNBPDL	C	T	T	C
C6JBNJ	C	T	T	C
CWM4X4	C	T	T	
E6944Q	C	T	T	C
EV6NM2	C	T	T	
GMBB46	C	T	T	
HPN26K	C	T	T	C
LXL27H	C	T	T	C
LY4FTC	C	T	T	
MXJQP6	C	T	T	C
NBJUGQ	C	T	T	
PPXFC	C	T	T	
Q6J2B7	C	T	T	
V66PLJ	C	T	T	
WV4L8Y	C	T	T	C

TABLE 5a - ITEM 4
Polymorphisms from Reference Sequence

	16220.0	16293.0	16311.0
ITEM 4			
4KJKRQ	G	G	C
64C768	G	G	C
7A8LYL	G	G	C
B2DQVC	G	G	C
BE8BWU	G	G	C
BNBPDL	G	G	C
C6JBNJ	G	G	C
CWM4X4	G	G	C
E6944Q	G	G	C
EV6NM2	G	G	C
GMBB46	G	G	C
HPN26K	G	G	C
LXL27H	G	G	C
LY4FTC	G	G	C
MXJQP6	G	G	C
NBJUGQ	G	G	C
PPXFC	G	G	C
Q6J2B7	G	G	C
V66PLJ	G	G	C
WV4L8Y	G	G	C

Mitochondrial DNA - HVRI Results

TABLE 5b

Bases Sequenced: HVR I

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
4KJKRQ	16024-16569	16024-16569	16024-16391	16024-16391
64C768	16024-16365	16024-16365	16024-16365	16024-16365
7A8LYL	15998-16390	15998-16390	15998-16390	15998-16390
7MW4M6	16024-16365	16024-16365		
AQKMGY	16024-16365	16024-16365		
B2DQVC	16024-16365	16024-16365	16024-16365	16024-16365
BE8BWU	16019-16374	16019-16374	16019-16374	16019-16374
BNBPDJ	15996-16569	15996-16569	15996-16569	15996-16569
C6JBNJ	16024-16569	16024-16569	16024-16569	16024-16569
CWM4X4	16024-16365	16024-16365	16024-16365	16024-16365
E6944Q	16024-16569	16024-16569	16024-16569	16024-16569
EV6NM2	16024-16385	16024-16396	16024-16396	16024-16396
GMBB46	16024-16387	16024-16387	16024-16385	16024-16387
HPN26K	15998-16569	15998-16569	15998-16569	15998-16569
JN4HXT	16024-16365	16024-16365		
LXL27H	15998-16569	15998-16569	15998-16569	15998-16569
LY4FTC	16024-16365	16024-16365	16024-16365	16024-16365
MXJQP6	16024-16569	16024-16569	16024-16569	16024-16569
NBJUGQ	16024-16387	16024-16387	16024-16387	16024-16387
PP24RK	16024-16365	16024-16365		
PPXFC	15998-16390	15998-16390	15998-16390	15998-16390
Q6J2B7	15998-16390	15998-16390	15998-16390	15998-16390
V66PLJ	16024-16387	16024-16387	16024-16385	16024-16385
V68EYE	16024-16365	16024-16365		
W7HFKD	16024-16365	16024-16365		
WV4L8Y	16024-16569	16024-16569	16024-16569	16024-16569

Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

	195.0	263.0	309.1	315.1	524.1	524.2
ITEM 1						
4KJKRQ	C	G	C INS	C INS	A INS	C INS
64C768	C	G	C	C		
7A8LYL	C	G	C	C		
7MW4M6	C	G	C	C		
AQKMGY	C	G	C	C		
B2DQVC	C	G	C	C		
BE8BWU	C	G	C	C		
BNBPD	C	G	C	C	A	C
C6JBNJ	C	G	C INS	C INS	A INS	C INS
CWM4X4	C	G	N	C		
E6944Q	C	G	C	C		
EV6NM2	C	G	C	C		
GMBB46	C	G	C	C		
HPN26K	C	G	C	C	A	C
JN4HXT	C	G	C	C		
LXL27H	C	G	C	C	A	C
LY4FTC	C	G	C INS	C INS		
MXJQP6	C	G	C INS	C INS	A INS	C INS
NBJUGQ	C	G	C	C		
PP24RK	C	G	C	C		
PPXXFC	C	G	C	C		
Q6J2B7	C	G	C	C		
V66PLJ	C	G	C	C		
V68EYE	C	G	C	C		
W7HFKD	C	G	C	C		
WV4L8Y	C	G	C INS	C INS	A INS	C INS

TABLE 6a - ITEM 2

Polymorphisms from Reference Sequence

	73.0	263.0	309.1	315.1
ITEM 2				
4KJKRQ	G	G	C INS	C INS
64C768	G	G	C	C
7A8LYL	G	G	C	C
7MW4M6	G	G	C	C
AQKMGY	G	G	C	C
B2DQVC	G	G	C	C
BE8BWU	G	G	C	C
BNBPD	G	G	C	C
C6JBNJ	G	G	C INS	C INS
CWM4X4	G	G	N	C
E6944Q	G	G	C	C
EV6NM2	G	G	C	C
GMBB46	G	G	C	C
HPN26K	G	G	C	C
JN4HXT	G	G	C	C
LXL27H	G	G	C	C
LY4FTC	G	G	C INS	C INS
MXJQP6	G	G	C INS	C INS
NBJUGQ	G	G	C	C
PP24RK	G	G	C	C
PPXFC	G	G	C	C
Q6J2B7	G	G	C	C
V66PLJ	G	G	C	C
V68EYE	G	G	C	C
W7HFKD	G	G	C	C
WV4L8Y	G	G	C INS	C INS

TABLE 6a - ITEM 3

Polymorphisms from Reference Sequence

	73.0	263.0	309.1	315.1
ITEM 3				
4KJKRQ	G	G	C INS	C INS
64C768	G	G	C	C
7A8LYL	G	G	C	C
B2DQVC	G	G	C	C
BE8BWU	G	G	C	C
BNBPD	G	G	C	C
C6JBNJ	G	G	C INS	C INS
CWM4X4	G	G	N	C
E6944Q	G	G	C	C
EV6NM2	G	G	C	C
GMBB46	G	G	C	C
HPN26K	G	G	C	C
LXL27H	G	G	C	C
LY4FTC	G	G	C INS	C INS
MXJQP6	G	G	C INS	C INS
NBJUGQ	G	G	C	C
PPXFC	G	G	C	C
Q6J2B7	G	G	C	C
V66PLJ	G	G	C	C
WV4L8Y	G	G	C INS	C INS

TABLE 6a - ITEM 4

Polymorphisms from Reference Sequence

	195.0	263.0	309.1	315.1	524.1	524.2
ITEM 4						
4KJKRQ	C	G	C INS	C INS		
64C768	C	G	C	C		
7A8LYL	C	G	C	C		
B2DQVC	C	G	C	C		
BE8BWU	C	G	C	C		
BNBPDL	C	G	C	C	A	C
C6JBNJ	C	G	C INS	C INS	A INS	C INS
CWM4X4	C	G	N	C		
E6944Q	C	G	C	C		
EV6NM2	C	G	C	C		
GMBB46	C	G	C	C		
HPN26K	C	G	C	C	A	C
LXL27H	C	G	C	C	A	C
LY4FTC	C	G	C INS	C INS		
MXJQP6	C	G	C INS	C INS	A INS	C INS
NBJUGQ	C	G	C	C		
PPXFC	C	G	C	C		
Q6J2B7	C	G	C	C		
V66PLJ	C	G	C	C		
WV4L8Y	C	G	C INS	C INS	A INS	C INS

Mitochondrial DNA - HVRII Results

TABLE 6b

Bases Sequenced: HVR II

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
4KJKRQ	1-576	1-576	35-369	39-369
64C768	73-340	73-340	73-340	73-340
7A8LYL	49-402	49-402	49-402	49-402
7MW4M6	73-340	73-340		
AQKMGY	73-340	73-340		
B2DQVC	73-340	73-340	73-340	73-340
BE8BWU	61-385	61-385	61-385	61-385
BNBPDJ	29-574	29-574	29-574	29-574
C6JBNJ	1-576	1-576	1-576	1-576
CWM4X4	73-340	73-340	73-340	73-340
E6944Q	1-408	1-408	1-408	1-408
EV6NM2	55-371	55-381	54-398	47-381
GMBB46	39-363	39-363	50-364	39-365
HPN26K	1-616	1-616	1-616	1-616
JN4HXT	73-340	73-340		
LXL27H	1-616	1-616	1-616	1-616
LY4FTC	73-340	73-340	73-340	73-340
MXJQP6	1-576	1-576	1-576	1-576
NBJUGQ	41-365	41-366	39-368	39-368
PP24RK	73-340	73-340		
PPXFC	49-402	49-402	49-402	49-402
Q6J2B7	49-402	49-402	49-402	49-402
V66PLJ	39-368	39-368	39-367	39-365
V68EYE	73-340	73-340		
W7HFKD	73-340	73-340		
WV4L8Y	1-576	1-576	1-576	1-576

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
26DGDZ	No	Yes	Yes	No	3743JW	No	Yes	Yes	No
29F3ZH	No	Yes	Yes	No	37KJUC	No	Yes	Yes	No
2A87MZ	No	Yes	Yes	No	37WXRF	No	Yes	Yes	No
2APQVB	No	Yes	Yes	No	39NJQ3	No	Yes	Yes	No
2EDC8P	No	Yes	Yes	No	3AWAKU	No	Yes	Yes	No
2G6PWH	No	Yes	Yes	No	3DDPW8	No	Yes	Yes	No
2G7ZUR	No	Yes	Yes	No	3ENG43	No	Yes	Yes	No
2GQ3UT	No	Yes	Yes	No	3GVCLQ	No	Yes	Yes	No
2JB6CZ	No	Yes	Yes	No	3KPXWT	No	Yes	Yes	No
2JFB2A	No	Yes	Yes	No	3PTVB2	No	Yes	Yes	No
2LGGEU	No	Yes	Yes	No	3R3VG9	No	Yes	Yes	No
2NAACZ	No	Yes	Yes	No	3UABPX	No	Yes	Yes	No
2PQEDW	No	Yes	Yes	No	42PZDX	No	Yes	Yes	No
2RWWCT	No Interp	No Interp	No Interp	No Interp	43CZW3	No	Yes	Yes	No
2TXACD	No	Yes	Yes	No	4636LR	No	Yes	Yes	No
2W2NDJ	No	Yes	Yes	No	46Y3N4	No	Yes	Yes	No
2YGVBE	No	Yes	Yes	No	48DRGK	No	Yes	Yes	No
2ZDX39	No	Yes	Yes	No	4BTYLT	No	Yes	Yes	No
2ZKX7G	No	Yes	Yes	No	4BUC4Z	No	Yes	Yes	No
32HFAX	No	Yes	Yes	No	4H6GZE	No	Yes	Yes	No
32HH2N	No	Yes	Yes	No	4KJKRQ	No	Yes	Yes	No
34W9WP	No	Yes	Yes	No	4KYA4W	No	Yes	Yes	No
36LUW9	No	Yes	Yes	No	4LPN2M	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
4MGMG8	No	Yes	Yes	No	6WTZ92	No	Yes	Yes	No
4T82ZL	No	Yes	Yes	No	6X3U63	No	Yes	Yes	No
4UG36T	No	Yes	Yes	No	7388AE	No	Yes	Yes	No
4UWMXY	No	Yes	Yes	No	74GFX6	No	Yes	Yes	No
4UZQMN	No	Yes	Yes	No	74LK43	No	Yes	Yes	No
4VQD2R	No	Yes	Yes	No	74VEYN	No	Yes	Yes	No
4WTKFA	No	Yes	Yes	No	74Z6GL	No	Yes	Yes	No
4YGXG2	No	Yes	Yes	No	7669VN	No	Yes	Yes	No
638DTN	No	Yes	Yes	No	773LFV	No	Yes	Yes	No
639LZT	No	Yes	Yes	No	7798BW	No	Yes	Yes	No
63VYX8	No	Yes	Yes	No	77VK99	No	Yes	Yes	No
64C768	No	Yes	Yes	No	78Q9KC	No	Yes	Yes	No
66X7PX	No	Yes	Yes	No	7A8LYL	No	Yes	Yes	No
682QTX	No	Yes	Yes	No	7AQEQJ	No	Yes	Yes	No
68JC9N	No	Yes	Yes	No	7DMC3V	No	Yes	Yes	No
69H6A7	No	Yes	Yes	No	7FR8LU	No	Yes	Yes	No
6HHARH	No	Yes	Yes	No	7GPW7V	No	Yes	Yes	No
6J2V2J	No	Yes	Yes	No	7HBHGD	No	Yes	Yes	No
6KDPKP	No	Yes	Yes	No	7J9QPW	No	Yes	Yes	No
6NN7WU	No	Yes	Yes	No	7JY3KA	No	Yes	Yes	No
6NVFZD	No	Yes	Yes	No	7MW4M6	No	Yes	Yes	No
6QXPYG	No	Yes	Yes	No	7N3PZL	No	Yes	Yes	No
6UFBQX	No	Yes	Yes	No	7QTQ3N	No	Yes	Yes	No
6W4KMZ	No	Yes	Yes	No	7TCURL	No	Yes	Yes	No
6WHCQV	No	Yes	Yes	No	7UUT7U	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
7XA7TC	No	Yes	Yes	No	9A23CT	No	Yes	Yes	No
839HGT	No	Yes	Yes	No	9BPR32	No	Yes	Yes	No
83FH64	No	Yes	Yes	No	9BQJ2A	No	Yes	Yes	No
83L9DT	No	Yes	Yes	No	9CQXMM	No	Yes	Yes	No
83PJGA	No	Yes	Yes	No	9DFT9P	No	Yes	Yes	No
84GF74		Yes	Yes		9DHFP4	No	Yes	Yes	No
84Y4CJ	No	Yes	Yes	No	9GGYLA	No	Yes	Yes	No
89W22W	No	Yes	Yes	No	9HV86W	No	Yes	Yes	No
8AN3RU	No	Yes	Yes	No	9JAUGG	No	Yes	Yes	No
8DBNQU	No	Yes	Yes	No	9Q3JRM	No	Yes	Yes	No
8DJHWP	No	Yes	Yes	No	9RRTLU	No	Yes	Yes	No
8FCMTN	No	Yes	Yes	No	9RZ42M	No	Yes	Yes	No
8G4RFU	No	Yes	Yes	No	9T9FJN	No	Yes	Yes	No
8GLMXV	No	Yes	Yes	No	9TB7RR	No	Yes	Yes	No
8HDCWC	No	Yes	Yes	No	9TG6DM	No	Yes	Yes	No
8HKWXQ	No	Yes	Yes	No	9TW3BZ	No	Yes	Yes	No
8MPTDY	No	Yes	Yes	No	9UNM3K	No	Yes	Yes	No
8N62MK	No	Yes	Yes	No	9UNQLM	No	Yes	Yes	No
8P6Z6T	No	Yes	Yes	No	9VTT2L	No	Yes	Yes	No
8QYPAM	No	Yes	Yes	No	9WRUAX	No	Yes	Yes	No
8XWU7R	No	Yes	Yes	No	9ZHJZA	No	Yes	Yes	No
944BDR	No	Yes	Yes	No	A9XTMH	No	Yes	Yes	No
94F3X2	No	Yes	Yes	No	ABLYRU	No	Yes	Yes	No
94U4GQ	No	Yes	Yes	No	ABPVKG	No	Yes	Yes	No
99PDWM	No	Yes	Yes	No	ABXNTQ	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
ADEBQK	No	Yes	Yes	No	BF267L	No	Yes	Yes	No
AH6KZJ	No	Yes	Yes	No	BFPEPG	No	Yes	Yes	No
AJ3VT2	No	Yes	Yes	No	BFY6YC	No	Yes	Yes	No
ALU6TU	No	Yes	Yes	No	BGH98Q	No	Yes	Yes	No
AMQ6HR	No	Yes	Yes	No	BGQMY7	No	Yes	Yes	No
AMXBZH	No	Yes	Yes	No	BHB7FX	No	Yes	Yes	No
AN8DVT	No	Yes	Yes	No	BKBEHM	No	Yes	Yes	No
AQKMGY	No	Yes	Yes	No	BNBPDJ	No	Yes	Yes	No
ATBCXD	No	Yes	Yes	No	BNQ3MT	No	Yes	Yes	No
AVECQX	No	Yes	Yes	No	BNTRVW	No	Yes	Yes	No
AX79EP	No	Yes	Yes	No	BRB9MV	No	Yes	Yes	No
B2DQVC	No	Yes	Yes	No	BVN7LJ	No	Yes	Yes	No
B3V6GN	No	Yes	Yes	No	BW4YPE	No	Yes	Yes	No
B3WCUU	No	Yes	Yes	No	BWGMTR	No	Yes	Yes	No
B467DU	No	Yes	Yes	No	BWR2T9	No	Yes	Yes	No
B46CLZ	No	Yes	Yes	No	BY9E8J	No	Yes	Yes	No
B6T4LF	No	Yes	Yes	No	BYEVCU	No	Yes	Yes	No
B8MDTG	No	Yes	Yes	No	BYUX7X	No	Yes	Yes	No
B9V9WF	No	Yes	Yes	No	C2TEHD	No Interp	No Interp	No Interp	No Interp
BBNAKW	No	Yes	Yes	No	C4773M	No	Yes	Yes	No
BCUFGD	No	Yes	Yes	No	C6EJKN	No	Yes	Yes	No
BCXZLQ	No	Yes	Yes	No	C6JBNJ	No	Yes	Yes	No
BCZ8N6	No	Yes	Yes	No	CA9F8U	No	Yes	Yes	No
BE8BWU	No	Yes	Yes	No	CALHR3	No	Yes	Yes	No
BEYQBD	No	Yes	Yes	No	CBF9XG	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
CDBAA6	No	Yes	Yes	No	D83A8C	No	Yes	Yes	No
CE2KZX	No	Yes	Yes	No	DA4C2W	No	Yes	Yes	No
CEE84K	No	Yes	Yes	No	DAKNLM	No	Yes	Yes	No
CEU74H	No	Yes	Yes	No	DCM6KW	No	Yes	Yes	No
CHZU3Y	No	Yes	Yes	No	DDJYGM	No	Yes	Yes	No
CJHZC9	No	Yes	Yes	No	DFA8VF	No	Yes	Yes	No
CK8AKP	No	Yes	Yes	No	DFKNHP	No	Yes	Yes	No
CKLTVN	No	Yes	Yes	No	DG6VA6	No	Yes	Yes	No
CM9WMP	No	Yes	Yes	No	DMMLNF	No	Yes	Yes	No
CNZV2M	No	Yes	Yes	No	DMRZAF	No	Yes	Yes	No
CP24BD	No	Yes	Yes	No	DNGLAX	No	Yes	Yes	No
CTGBDZ	No	Yes	Yes	No	DNJY9M	No Interp	No Interp	No Interp	No Interp
CTLZ4X	No	Yes	Yes	No	DNYTTF	No	Yes	Yes	No
CTMNR2	No	Yes	Yes	No	DTHNV8	No	Yes	Yes	No
CU8CJN	No	Yes	Yes	No	DVJWZH	No	Yes	Yes	No
CUAMCQ	No	Yes	Yes	No	DXMB83	No	Yes	Yes	No
CUTRRY	No	Yes	Yes	No	E33HMU	No	Yes	Yes	No
CVREKB	No	Yes	Yes	No	E4DJGR	No	Yes	Yes	No
CWKKMM	No	Yes	Yes	No	E4HV6N	No	Yes	Yes	No
CWM4X4	No	Yes	Yes	No	E4UPTB	No	Yes	Yes	No
CWNWVB	No	Yes	Yes	No	E4ZUG3	No	Yes	Yes	No
D2QKBX	No	Yes	Yes	No	E6944Q	No	Yes	Yes	No
D2RD97	No	Yes	Yes	No	E73QQ6	No	Yes	Yes	No
D4336M	No	Yes	Yes	No	E9ZTDE	No	Yes	Yes	No
D78PMX	No	Yes	Yes	No	EBEH9J	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
EBFG7X	No	Yes	Yes	No	FDDV2V	No	Yes	Yes	No
EBWMFV	No	Yes	Yes	No	FKE88C	No	Yes	Yes	No
EDBYU7	No	Yes	Yes	No	FLB3U9	No	Yes	Yes	No
EE9AUF	No	Yes	Yes	No	FLMVDN	No	Yes	Yes	No
EEGXNE	No	Yes	Yes	No	FMNGD9	No	Yes	Yes	No
EG2J2G	No Interp	No Interp	No Interp	No Interp	FMQ8LC	No	Yes	Yes	No
EGKQHD	No	Yes	Yes	No	FNWPK9	No	Yes	Yes	No
EHYVT2	No	Yes	Yes	No	FQ9K7Z	No	Yes	Yes	No
EJD3EH	No	Yes	Yes	No	FRW6QB	No	Yes	Yes	No
EJQRHV	No	Yes	Yes	No	FTUAQD	No	Yes	Yes	No
EKWEHV	No	Yes	Yes	No	FVHHYT	No	Yes	Yes	No
ENXE4L	No	Yes	Yes	No	FWWUC	No	Yes	Yes	No
EPNLZ4	No	Yes	Yes	No	FVZXPB	No	Yes	Yes	No
EQTQ82	No	Yes	Yes	No	FWM3VN	No	Yes	Yes	No
EU9A24	No	Yes	Yes	No	FX44AA	No	Yes	Yes	No
EUH3FX	No	Yes	Yes	No	G3AHDH	No	Yes	Yes	No
EV6NM2	No	Yes	Yes	No	G3D3HZ	No	Yes	Yes	No
EVYJYA	No	Yes	Yes	No	G49M3D	No	Yes	Yes	No
EY2GCP	No	Yes	Yes	No	G7NB8K	No	Yes	Yes	No
EYZLUE	No	Yes	Yes	No	G7TAKM	No	Yes	Yes	No
F3XJX6	No	Yes	Yes	No	G8TTKA	No	Yes	Yes	No
F63ARD	No	Yes	Yes	No	G96AZ9	No	Yes	Yes	No
F64XEH	No	Yes	Yes	No	G9C7XT	No	Yes	Yes	No
F8UA2T	No	Yes	Yes	No	GDUQBF	No	Yes	Yes	No
FA8KQD	No	Yes	Yes	No	GF34RE	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
GF4U7A	No	Yes	Yes	No	HFW6DW	No	Yes	Yes	No
GFAY7M	No	Yes	Yes	No	HGRLGV	No	Yes	Yes	No
GFQ8W3	No	Yes	Yes	No	HJZYW3	No	Yes	Yes	No
GL8RLH	No	Yes	Yes	No	HLFWBL	No	Yes	Yes	No
GMBB46	No	Yes	Yes	No	HLGLG4	No	Yes	Yes	No
GMGRQP	No	Yes	Yes	No	HN4JPU	No	Yes	Yes	No
GNXZZB	No	Yes	Yes	No	HNMQAW	No	Yes	Yes	No
GRWULE	No	Yes	Yes	No	HP9489	No	Yes	Yes	No
GTWDZA	No	Yes	Yes	No	HPN26K	No	Yes	Yes	No
GTYZHN	No	Yes	Yes	No	HR8L4G	No	Yes	Yes	No
GY6RQL	No	Yes	Yes	No	HTZLWL	No	Yes	Yes	No
H2ACJR	No	Yes	Yes	No	HV8U8R	No	Yes	Yes	No
H2DYXK	No	Yes	Yes	No	HYHK6Z	No	Yes	Yes	No
H394L7	No	Yes	Yes	No	J3WKTE	No	Yes	Yes	No
H4EPV6	No	Yes	Yes	No	J4DR33	No	Yes	Yes	No
H4Y2Z6	No	Yes	Yes	No	J68DWU	No	Yes	Yes	No
H6F2RD	No	Yes	Yes	No	J97U9N	No	Yes	Yes	No
H8GJVU	No	Yes	Yes	No	JCBX2G	No	Yes	Yes	No
H8LQQV	No	Yes	Yes	No	JCKDAH	No	Yes	Yes	No
H9AG2F	No	Yes	Yes	No	JCUNHE	No	Yes	Yes	No
H9H4C3	No	Yes	Yes	No	JECTWD	No	Yes	Yes	No
HDU734	No	Yes	Yes	No	JHB4TD	No	Yes	Yes	No
HEFR33	No	Yes	Yes	No	JHLTBH	No	Yes	Yes	No
HEREQH	No	Yes	Yes	No	JJP3VW	No	Yes	Yes	No
HFJFAK	No	Yes	Yes	No	JKAZYL	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
JKXDPE	No	Yes	Yes	No	KNKMZ4	No	Yes	Yes	No
JLT4T9	No	Yes	Yes	No	KPA9ZM	No	Yes	Yes	No
JN2GU2	No	Yes	Yes	No	KR2ZEE	No	Yes	Yes	No
JN4HXT	No	Yes	Yes	No	KRNWY8		Yes	Yes	
JNJMUQ	No	Yes	Yes	No	KRVEHD	No	Yes	Yes	No
JQU8DK	No	Yes	Yes	No	KU3PEG	No Interp	No Interp	No Interp	No Interp
JTTFB	No	Yes	Yes	No	KYF46D	No	Yes	Yes	No
JU43MJ	No	Yes	Yes	No	L33UG4	No	Yes	Yes	No
JUM7W6	No	Yes	Yes	No	L4ACBQ	No	Yes	Yes	No
JVTL3W	No	Yes	Yes	No	L7ZBTV	No	Yes	Yes	No
JXMGT6	No	Yes	Yes	No	L8LYC7	No	Yes	Yes	No
K2M4LE	No	Yes	Yes	No	L8MNKA	No	Yes	Yes	No
K7E4DA	No	Yes	Yes	No	LAJ8DF	No	Yes	Yes	No
K9NYGC	No	Yes	Yes	No	LDZURK	No	Yes	Yes	No
KA4MCQ	No	Yes	Yes	No	LF4KZL	No	Yes	Yes	No
KAFLRA	No	Yes	Yes	No	LEFFHWR	No	Yes	Yes	No
KBXAQF	No	Yes	Yes	No	LG9YEA	No	Yes	Yes	No
KCPNLL	No	Yes	Yes	No	LNRVZC	No	Yes	Yes	No
KCRZU9	No	Yes	Yes	No	LP4XJP	No	Yes	Yes	No
KEQUY7	No	Yes	Yes	No	LQ9BZB	No	Yes	Yes	No
KFQBCA	No	Yes	Yes	No	LQYCDA	No	Yes	Yes	No
KHGTUF	No	Yes	Yes	No	LRCBLH	No	Yes	Yes	No
KJCEGE	No	Yes	Yes	No	LWULT7	No	Yes	Yes	No
KKM6LQ	No	Yes	Yes	No	LXL27H	No	Yes	Yes	No
KL8MD6	No	Yes	Yes	No	LY4FTC	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
LYCQ96	No	Yes	Yes	No	MXJQP6	No	Yes	Yes	No
M4XLB	No Interp	No Interp	No Interp	No Interp	N2AKRD	No	Yes	Yes	No
M744AB	No	Yes	Yes	No	N6AWMD	No	Yes	Yes	No
M8PWYR	No	Yes	Yes	No	N6WNWH	No	Yes	Yes	No
M93T6Y	No	Yes	Yes	No	N87G2J	No	Yes	Yes	No
M9XTWD	No	Yes	Yes	No	NA3XM7	No	Yes	Yes	No
MBP9MT	No	Yes	Yes	No	NBJUGQ	No	Yes	Yes	No
MCH7RE	No	Yes	Yes	No	NBVTAE	No	Yes	Yes	No
MDNZG7	No	Yes	Yes	No	ND9MN9	No	Yes	Yes	No
MENQQY	No	Yes	Yes	No	NJYZG8	No	Yes	Yes	No
MEPVDG	No	Yes	Yes	No	NK7C8X	No	Yes	Yes	No
MER64Y	No	Yes	Yes	No	NPF9NX	No	Yes	Yes	No
MLGKC8	No	Yes	Yes	No	NTEKBY	No	Yes	Yes	No
MLJNAA	No	Yes	Yes	No	NTHEF4	No	Yes	Yes	No
MLZXZP	No	Yes	Yes	No	NU99VF	No	Yes	Yes	No
MM4A9C	No	Yes	Yes	No	NVLGZF	No	Yes	Yes	No
MMBMGF	No	Yes	Yes	No	NWZTUD	No	Yes	Yes	No
MMVLED	No	Yes	Yes	No	NYRQGB	No	Yes	Yes	No
MP4NBB	No	Yes	Yes	No	P2UT36	No	Yes	Yes	No
MP8ZJZ	No	Yes	Yes	No	P747K4	No	Yes	Yes	No
MQW78Y	No	Yes	Yes	No	P87U8A	No	Yes	Yes	No
MV8HGY	No	Yes	Yes	No	P9U9PR	No	Yes	Yes	No
MVJZ3C	No	Yes	Yes	No	PA3LYV	No	Yes	Yes	No
MWJC4R	No	Yes	Yes	No	PB674A	No	Yes	Yes	No
MWTX7Z	No	Yes	Yes	No	PG673X	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
PG7PYD	No	Yes	Yes	No	Q8G9UA	No	Yes	Yes	No
PHEV9A	No Interpretations Reported, DNA Analyzed for Database purposes only.				Q929QT	No	Yes	Yes	No
PM6ATB	No	Yes	Yes	No	QACQC6	No	Yes	Yes	No
PMFK22	No	Yes	Yes	No	QBRQVU	No	Yes	Yes	No
PNEV8X	No	Yes	Yes	No	QC8CXN	No	Yes	Yes	No
PNMXPX	No	Yes	Yes	No	QEBGXP	No	Yes	Yes	No
PNP6WC	No	Yes	Yes	No	QEER7F	No	Yes	Yes	No
PP24RK	No	Yes	Yes	No	QJBARJ	No	Yes	Yes	No
PP2K2H	No	Yes	Yes	No	QK7X79	No	Yes	Yes	No
PPXFC	No	Yes	Yes	No	QPQBB4	No	Yes	Yes	No
PQW8F8	No	Yes	Yes	No	QUHYTP	No	Yes	Yes	No
PRGJZ2	No	Yes	Yes	No	QVHY8F	No	Yes	Yes	No
PTZEMK	No	Yes	Yes	No	QX2H87	No	Yes	Yes	No
PUCF47	No	Yes	Yes	No	R42GV2	No	Yes	Yes	No
PV4HQN	No	Yes	Yes	No	R9223C	No	Yes	Yes	No
PVH447	No	Yes	Yes	No	RBHDK4	No	Yes	Yes	No
PWT6P6	No	Yes	Yes	No	RCAGWX	No	Yes	Yes	No
PX96AU	No	Yes	Yes	No	RGWFX7	No	Yes	Yes	No
PXDJVT	No	Yes	Yes	No	RL66F9	No	Yes	Yes	No
PYE7XT	No	Yes	Yes	No	RLM3HD	No	Yes	Yes	No
PYJJLP	No	Yes	Yes	No	RLNRQG	No	Yes	Yes	No
PYQRP9	No	Yes	Yes	No	RLUQEW	No	Yes	Yes	No
Q4WD4D	No	Yes	Yes	No	RMYJWC	No	Yes	Yes	No
Q6J2B7	No	Yes	Yes	No	RNDHYV	No	Yes	Yes	No
Q7V2EM	No	Yes	Yes	No	RNFQ6E	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
RNXLXZ	No	Yes	Yes	No	TW3NA8	No	Yes	Yes	No
RNZAK6	No	Yes	Yes	No	TWPFHD	No	Yes	Yes	No
RTWTQA	No	Yes	Yes	No	U28LGQ	No	Yes	Yes	No
RUD2VY	No	Yes	Yes	No	U38AQV	No	Yes	Yes	No
RUYFJC	No	Yes	Yes	No	U4Y96T	No	Yes	Yes	No
RWRQQ2	No	Yes	Yes	No	U4ZXDW	No	Yes	Yes	No
RXFXME	No	Yes	Yes	No	U63PHH	No	Yes	Yes	No
RXNLJY	No	Yes	Yes	No	U68ZZA	No	Yes	Yes	No
T3AFW6	No	Yes	Yes	No	U6FYBX	No	Yes	Yes	No
T4C83B	No	Yes	Yes	No	U78YBU	No	Yes	Yes	No
T4PZGT	No	Yes	Yes	No	U8FNF7	No Interpretations Reported, DNA Analyzed for Database purposes only.			
T6ZKKU	No	Yes	Yes	No	U8X4QW	No	Yes	Yes	No
T8HNG2	No	Yes	Yes	No	UAPHER	No	Yes	Yes	No
TDDR4H	No	Yes	Yes	No	UAZ2Y4	No	Yes	Yes	No
TJFKXT	No	Yes	Yes	No	UBJJZA	No	Yes	Yes	No
TKA24C	No	Yes	Yes	No	UEJPK8	No	Yes	Yes	No
TKXYJ6	No	Yes	Yes	No	UEKCKQ	No	Yes	Yes	No
TL4B9T	No	Yes	Yes	No	UG29MJ	No	Yes	Yes	No
TMW9GY	No	Yes	Yes	No	UGBB2B	No	Yes	Yes	No
TNFWDL	No	Yes	Yes	No	UGLDEB	No	Yes	Yes	No
TP7BJA	No	Yes	Yes	No	UHBK3Z	No	Yes	Yes	No
TRNFY9	No	Yes	Yes	No	UHKMGQ	No	Yes	Yes	No
TRVHTM	No	Yes	Yes	No	UHN3TR	No	Yes	Yes	No
TV4M2V	No	Yes	Yes	No	UJAL4K	No	Yes	Yes	No
TVN9RZ	No	Yes	Yes	No	UKJF37	No Interp	No Interp	No Interp	No Interp

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
UMXH3F	No	Yes	Yes	No	VX6Q69	No	Yes	Yes	No
UN2TMT	No	Yes	Yes	No	VXG2EY	No	Yes	Yes	No
UNT7G6	No	Yes	Yes	No	VXKLF2	No	Yes	Yes	No
UQELY2	No	Yes	Yes	No	W7HFKD	No	Yes	Yes	No
UQTCLR	No	Yes	Yes	No	WA4LEM	No	Yes	Yes	No
UUP4R3	No	Yes	Yes	No	WBGU83	No	Yes	Yes	No
UUZGRL	No	Yes	Yes	No	WCTUJH	No	Yes	Yes	No
V3ENFV	No	Yes	Yes	No	WFKXTU	No	Yes	Yes	No
V66PLJ	No	Yes	Yes	No	WG3CE7	No	Yes	Yes	No
V68EYE	No	Yes	Yes	No	WHCDBC	No	Yes	Yes	No
V8JJP6	No	Yes	Yes	No	WM7RZ3	No	Yes	Yes	No
VDKR2Y	No	Yes	Yes	No	WNLJDW	No	Yes	Yes	No
VEBJR6	No	Yes	Yes	No	WPCXBM	No	Yes	Yes	No
VFAZAE	No	Yes	Yes	No	WPVGHF	No	Yes	Yes	No
VFKG6L	No	Yes	Yes	No	WQQ6W4	No	Yes	Yes	No
VGJ3XX	No	Yes	Yes	No	WRUKM2	No	Yes	Yes	No
GVHMQK	No	Yes	Yes	No	WV4L8Y	No	Yes	Yes	No
VL94ZR	No	Yes	Yes	No	WVKZR9	No	Yes	Yes	No
VMMAD2	No	Yes	Yes	No	WWBFPY	No	Yes	Yes	No
VP2F6V	No	Yes	Yes	No	X2KYHQ	No	Yes	Yes	No
VRL2M6	No	Yes	Yes	No	X2VJWM	No	Yes	Yes	No
VRLHM3	No	Yes	Yes	No	X3CFL2	No	Yes	Yes	No
VU42R2	No	Yes	Yes	No	XAYLHU	No	Yes	Yes	No
VULBK2	No	Yes	Yes	No	XBMFYU	No	Yes	Yes	No
WVP6P8	No	Yes	Yes	No	XEGV7C	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
XEL8U8	No Interp	No Interp	No Interp	No Interp	YXD427	No	Yes	Yes	No
XEZJN7	No	Yes	Yes	No	YXEUA	No	Yes	Yes	No
XF7EJ3	No	Yes	Yes	No	YXHGN3	No	Yes	Yes	No
XLT9G3	No	Yes	Yes	No	YXKTWQ	No	Yes	Yes	No
XMJ7WV	No	Yes	Yes	No	YZJM2N	No	Yes	Yes	No
XMUR9X	No Interp	No Interp	No Interp	No Interp	Z2RH6L	No	Yes	Yes	No
XMWENP	No	Yes	Yes	No	Z4L49W	No	Yes	Yes	No
XP4UWG	No	Yes	Yes	No	Z9WRQP	No	Yes	Yes	No
XQY9Q2	No	Yes	Yes	No	ZA6TRZ	No	Yes	Yes	No
XVHR3M	No	Yes	Yes	No	ZB8FN4	No	Yes	Yes	No
XVYWD	No	Yes	Yes	No	ZBT36T	No	Yes	Yes	No
XVWH7X	No	Yes	Yes	No	ZBVTDW	No	Yes	Yes	No
Y6R89N	No	Yes	Yes	No	ZCWKK3	No	Yes	Yes	No
Y6VUP2	No Interp	No Interp	No Interp	No Interp	ZEMLQQ	No	Yes	Yes	No
Y6ZTUE	No	Yes	Yes	No	ZERGTH	No	Yes	Yes	No
Y76ZM3	No	Yes	Yes	No	ZGANTB	No	Yes	Yes	No
Y7PG37	No	Yes	Yes	No	ZJ2KG6	No	Yes	Yes	No
Y8LGFP	No	Yes	Yes	No	ZK632P	No	Yes	Yes	No
YDPWUY	No	Yes	Yes	No	ZK6HBM	No	Yes	Yes	No
YEY7F4	No	Yes	Yes	No	ZP34D9	No	Yes	Yes	No
YL8TZX	No	Yes	Yes	No	ZPZ8XL	No	Yes	Yes	No
YMWUFG	No	Yes	Yes	No	ZV9QYY	No	Yes	Yes	No
YNRVH6	No	Yes	Yes	No	ZVQLRK	No	Yes	Yes	No
YU6JPE	No	Yes	Yes	No	ZW2P87	No	Yes	Yes	No
YVC38M	No	Yes	Yes	No	ZXDCQ7	No	Yes	Yes	No

TABLE 7

WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>		WebCode	<u>Victim (Item 1)</u>		<u>Suspect (Item 2)</u>	
	Item 3	Item 4	Item 3	Item 4		Item 3	Item 4	Item 3	Item 4
ZYTMU3	No	Yes	Yes	No					
ZZMRDW	No	Yes	Yes	No					

DNA Interpretation					
Response Summary	Participants reporting DNA results: 671				
<i>Based on results obtained from DNA analysis, could the Victim (Item 1) and/or the Suspect (Item 2) be a contributor to the questioned stains (Items 3 & 4)?</i>					
		Victim (Item 1)		Suspect (Item 2)	
		<u>Item 3</u>	<u>Item 4</u>	<u>Item 3</u>	<u>Item 4</u>
Yes		0	636	636	0
No		634	0	0	634
Inc		0	0	0	0
No Interpretation		10	10	10	10
No Response		25	23	23	25

Participants analyzing DNA for database purposes only: 2

Additional Comments

TABLE 8

WebCode	Additional Comments
29F3ZH	Stutter filters on
2G7ZUR	Minifiler was performed on Items 3 and 4. Minifiler data were concordant with PowerPlex Fusion data at all overlapping loci in the respective items. The allele calls at DYS391 were concordant for PowerPlex Fusion and Yfiler with the samples tested with both kits (Items 2 and 3). NR = No Results
2JB6CZ	This lab does not perform mtDNA testing or Y-STR DNA testing. Reporting results with stutter filters on.
2TXACD	Item 3 and Item 4 Identifiler Plus, Identifiler and MiniFiler profiling results were concordant where DNA sites tested were in common.
2ZKX7G	reporting results with stutter filters on
32HFAX	Per communication from TL no BFI testing needed for this test. Communication was given to run unknown samples as stains. item 1 - n+4/n-4 stutter at D5S818; the 12 is 10.7% of the 13 peak; allowed is 9.5% item 2 and item 3 - 9 at D3S1358 is pull up from the 9.3 at TH01
3743JW	NR = No Result. NT = Not Tested.
39NJQ3	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
3ENG43	Item 3: A 9 allele was detected at D3S1358 and was determined to be pull-up. Item 4: A 12 allele was detected at D16S539 and was determined to be elevated stutter (n+4/n-4).
3MR2HN	No Sample were prepared for DNA at this time. The results apply to the items tested or data provided, as received. All relevant samples have been retained by the [Laboratory] as required by [State Code]. This report contains conclusions based on the interpretation and opinions of the below signed author. This test is accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board. [Components of this section were removed for confidentiality purposes.]
3PTVB2	Y-STR DNA testing and mitochondrial DNA testing are not performed in this laboratory. Reporting results with stutter filters on
42PZDX	Reported with stutter filters on
43CZW3	NR = No results
4KJKRQ	Items 3 and 4 were tested using both LCNY and Yfiler amplification methods. Results are concordant at all loci. Items 1, 2, 3, and 4 were tested using Yfiler and Fusion amplification kits. Results are concordant at overlapping locus, DYS391.
4UWMXY	Item 2: Allele 19 at Penta E interpreted as elevated n-5 stutter 9.2% (max allowed is 7.6%). Item 3: Allele 9 at D3S1358 interpreted as pull up from 9.3 at TH01.
4VQD2R	item 3e - additional alleles detected that were interpreted as artifacts: 9 at D3S1358 (pull-up from TH01) and 29 at D21S11 (elevated baseline from D19S433). item 4e - additional allele detected that was interpreted as an artifact: 9 at D3S1358 (pull-up from TH01)
4WXX7R	The results apply to the items tested or data provided, as received. All relevant samples have been retained by the [Laboratory] as required by the [State Code]. This report contains conclusions based on the interpretation and opinions of the below signed author. This test is accredited under the laboratory's ISO/IEC 17025 accreditation issued by ANSI National Accreditation Board.

TABLE 8

WebCode	Additional Comments
64C768	Mitochondrial DNA (mtDNA) testing is now done at our laboratory by massively parallel sequencing (MPS). Only the HVR 1 and HVR 2 differences will be reported on the mtDNA tab for the common ranges of HV1 (16024-16365) and HV2 (73-340). We did obtain data for the whole genome (1-16569) for all items. Here are the Item's whole genome sequences obtained with base range 1-16569: Item 1: 195C, 263G, 309.1C, 315.1C, 524.AC, 750G, 961G, 1438G, 4769G, 5162C, 8448C, 8860G, 13759A, 15326G, 16220G, 16293G, 16311C. Item 2: 73G, 263G, 309.1C, 315.1C, 709A, 750G, 1438G, 1888A, 2706G, 2850C, 4216C, 4769G, 4917G, 6632C, 7022C, 7028T, 8697A, 8860G, 10463C, 11251G, 11719A, 11812G, 13368A, 13965C, 14233G, 14687G, 14766T, 14905A, 15326G, 15452A, 15607G, 15928A, 16126C, 16294T, 16296T, 16519C. Item 3: 73G, 263G, 309.1C, 315.1C, 709A, 750G, 1438G, 1888A, 2706G, 2850C, 4216C, 4769G, 4917G, 6632C, 7022C, 7028T, 8697A, 8860G, 10463C, 11251G, 11719A, 11812G, 13368A, 13965C, 14233G, 14687G, 14766T, 14905A, 15326G, 15452A, 15607G, 15928A, 16126C, 16294T, 16296T, 16519C. Item 4: 195C, 263G, 309.1C, 315.1C, 524.AC, 750G, 961G, 1438G, 4769G, 5162C, 8448C, 8860G, 13759A, 15326G, 16220G, 16293G, 16311C.
6HHARH	Reporting STRmix results with stutter filters on
6JHNKM	The known samples were not profiled and no interpretations were reported. The assigned scientist is qualified in extraction through quantitation, and in laboratory work through CE analysis, but not in data interpretation. Profiles were analyzed to confirm that correct results were obtained.
6KDPKP	Fusion/Yfiler testing was performed on Items 1 - 4. Results were concordant at DYS391 for all tested items. NR = No results obtained
6QCTDN	The known samples were not profiled and no interpretations were reported. The assigned scientist is qualified in extraction through quantitation, and in laboratory work through CE analysis, but not in data interpretation. Profiles were analyzed to confirm that correct results were obtained.
7669VN	Item 2- positive stutter called at DYS549 (13). A reagent blank for References did not perform as expected. No associations to plate or staff index were detected.
773LFV	item 3: stutter peak (17) observed at D3. item 4: stutter peak (12) observed at D16
77VK99	reporting results with stutter filters on
7A8LYL	Autosomal results obtained with Minifiler for Items 3 and 4 were concordant with Globalfiler results from Items 3 and 4. HV2 length heteroplasmy observed in Items 1, 2, 3, and 4.
7DMC3V	"reporting results with stutter filters on". "Mitochondrial and Y-STR testing not performed in this laboratory"
7UUT7U	An "NR" in the table of results indicates no typing results were obtained for the sample at that locus. An "NT" in the table indicates the sample was not tested at that locus.
84Y4CJ	NR = No results at this locus
89W22W	Reporting results with stutter filters on.
8GLMXV	Ystr and Mito DNA testing not performed at this lab. Reporting results with stutter filters on
8HKWXQ	reporting with stutter filters on
8MPTDY	The Forensic Biologist performed all reported screening tests. The DNA analyst performed KM and reviewed the results of the male screen. NR = No Result. Items #1 and #2 were tested by both GlobalFiler and GlobalFiler Express. The results were concordant.
8P6Z6T	Reporting with stutter filters on.
944BDR	Item 1: additional artifact detected at vWA: 18 - elevated n+4 stutter.
94U4GQ	NR = no results. Y-STR testing was not performed on the female victim known sample (item 1)

TABLE 8

WebCode	Additional Comments
9HD9UH	The results apply to the items tested or data provided, as received. All relevant samples have been retained by the [Laboratory] as required by [State Code]. This report contains conclusions based on the interpretation and opinions of the below signed author. This test is accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI National Accreditation Board. [Components of this section were removed for confidentiality purposes.]
9HV86W	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
9RRTL	reporting results with stutter filters on
9T9FJN	The following exhibit was inconclusive for the presence of acid phosphatase due to difficulty in accurately detecting a color change as a result of the substrate color: 4.
9UNQLM	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.
9VTT2L	Item 1: An additional peak was observed at D22 (11) that was interpreted as a possible low-level drop-in peak, or possible tri-allelic locus, since this is a reference sample.
9ZHJZA	reporting results with stutter filters on
ABPVKG	INC means that this loci did not amplify above our analytical threshold in the positive control so it is not suitable for comparison.
ABXNTQ	reporting results with stutter filters on
ADEBQK	Item 4: AP test result = inconclusive based on substrate color of item 4 (blue)
ALU6TU	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
AMQ6HR	Allele calls were made with the stutter filters on.
AULCL8	Y Screen analysis conducted only. DNA analysis was not performed. Male DNA was detected on item #3. Male DNA was not detected on item #4.
AVECQX	NR= No Results
B2DQVC	Specific Antibody against blood protein tested on items 3 and 4 (positive results).
B3V6GN	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.
BCUFGD	Reporting STRmix results with stutter filters on.

TABLE 8

WebCode	Additional Comments
BCZ8N6	reporting results with stutter filters on
BF267L	NR = no results. Serological testing performed by Forensic Biologist. KM performed by DNA analyst; results concordant with Forensic Biologist.
BKBEHM	Extraction: Item 1, 2, 3 and 4 were extracted using the chelex extraction method. Quantification: Item 1, 2, 3 and 4 were quantified using Quantifiler Human DNA Quantification kit on QuantStudio5 Real Time PCR. Amplification: Item 1, 2, 3 and 4 were amplified using AmFISTR Identifiler Plus STR kit on 9700 GeneAmp PCR System. Y-STR amplification was carried out on Item 2 and 3 using AmFISTR Y-Filer kit on 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis for Identifiler Plus was carried out on Genetic Analyzer 3500xL for Item 1, 2, 3 dan 4. Electrophoresis for Y-Filer was carried out on Genetic Analyzer 3130xl for Item 2 and Item 3. Quality Control: Reagent blank, Positive Control and Negative Control were carried out through analysis and all gave intended results.
BNQ3MT	NR = No Result
BRB9MV	NR = no results
C4773M	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.
C6EJKN	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 a 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 preformed.
CDBAA6	Note: NR = Non-reportable : NR locus D6S1043 in item 1 due to imbalance
CE2KZX	Concordant results at DYS391.
CNZV2M	Item 3e: 19 peak detected at Penta E is elevated N-5 stutter to be filtered out during STRmix run.
CU8CJN	NR = No Results. No Y-STR DNA analysis performed for item 1. No Y-STR DNA profile was obtained from item 4.
CVREKB	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
CWM4X4	Trace-level Y-peak observed in the NGM-SElect result from item 4 (blood on suspect's pants). This sample was therefore submitted for Y-STR (PPY23) analysis but no Y-STR DNA profile was obtained.
D4336M	Extraction: Item 1, Item 2, Item 3 and Item 4 were extracted using chelex extraction method. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Human DNA Quantification kit on Real-Time Polymerase Chain Reaction QuantStudio 5 System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using AmFISTR Identifiler Plus STR kit on 9700 GeneAmp PCR System. Y-STR amplification was carried out on Item 2 and Item 3 using AmFISTR Y-Filer kit on 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis of Identifiler Plus was carried out on Genetic Analyzer 3500xL for Item 1, Item 2, Item 3 and Item 4. Electrophoresis of Y-Filer was carried out on Genetic Analyzer 3130xl for Item 2 and Item 3. Quality Control: Reagent blank, positive control and negative control were incorporated throughout analysis and all gave intended results.
DAKNLM	Yfiler Plus testing was performed for databasing purposes on the Item 2 known sample only.

TABLE 8

WebCode	Additional Comments
DFKNHP	Item 2 (PowerPlex Fusion) - observed (9) pull-up peak at locus D3S1358 Item 3 (PowerPlex Fusion) - observed (9) pull-up peak at locus D3S1358 Item 4 (PowerPlex Fusion) - observed (12) elevated n+4/n-4 combined stutter peak at locus D5S818
DMRZAF	Probabilistic genotyping by using the LRmix Studio software (v. 2.1.5) provided with the following results: DNA results extremely strongly support the suspect (Item 2) as donor of DNA found on Item 3 (LR=2.7 E24, using P(do)=0.1, P(Di)=0.05 and a published caucasian database); DNA results extremely strongly support the victim (Item 1) as donor of DNA found on Item 4 (LR=2.4 E23, using P(do)=0.1, P(Di)=0.05 and a published caucasian database).
DNJY9M	Part I [Table 1]: Screening Tests - Due to my job description as a forensic technician, I am not expected to perform screening. Part II [Tables 2 & 3]: DNA Analysis - Due to my job description as a forensic technician, I am only expected to process known reference samples when it comes to proficiency testing. Therefore, Items 3 and 4 were not tested. Part III [Table 7]: DNA Interpretation - Due to my job description as a forensic technician, I am not expected to compare data. As determined by another forensic scientist, Item 2 had pull-up at D3S1358.
E4HV6N	Results reported with stutter filters on
EBEH9J	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.
EG2J2G	The known samples were not analyzed. DNA analysis was performed on Items 3 and 4 to show the correct results were obtained for the analyst that performed DNA extraction and quantitation.
EHYVT2	Stutter filters turned on.
EU9A24	Y-Screening Results: Item 3: Male DNA was detected. Item 4: Male DNA was not detected. Probabilistic Genotyping Results: Note: Inclusions and exclusions were conducted by the analyst prior to using the STRmix software program. STRmix was used to calculate a likelihood ratio on the following using the respective propositions: Item 3 - 2s_U, Item 4 - 1s_U. NR=No Result.
EY2GCP	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
F64XEH	ND= No DNA Detected
FQ9K7Z	reporting results with stutter filters on
FVZXP	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.
G3D3HZ	Reporting results with stutter filters on.
G8TTKA	reporting with stutter filters on

TABLE 8

WebCode	Additional Comments
GDUQBF	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.
GF4U7A	reporting with stutter filters on
GFAY7M	Item 3e: pull-up (9) removed from D3S1358. Item 4e: stutter (12) removed from D16S539.
GTYZHN	Screening not required. Item 1: N-4 stutter (14.7%) at D2S1338 from allele 24, stutter max is 13.9%.
H2DYXK	NR = No results. Item 1 was not analyzed with YFiler Plus.
H4Y2Z6	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
H8GJVU	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
HFW6DW	reporting results with stutter filters on
HGRLGV	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
HLFWBL	Item 2: 9 allele at D3S1358 interpreted as pullup from 9.3 allele at TH01
HLGLG4	Reporting STRmix results with stutter filters on
HNMQAW	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
HP9489	reporting results with stutter filters on
HPN26K	The laboratory does not distinguish minor alleles, as a probabilistic genotyping system is used and a stochastic threshold is not employed. Blank spaces in the STR results table indicate that results were not obtained at that locus.
HR8L4G	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.
HTZLWL	Reporting results with stutter filters on. Y-STR DNA testing and mtDNA testing are not performed in this lab.
JCKDAH	item 4e, peaks determined to be stutter present at D16 (12) and D5 (12)
JCUNHE	Reporting with stutter filters on
JQU8DK	1. Item 1, Item 2, Item 3 and Item 4 were extracted using Chelex extraction method. 2. Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Human DNA Quantifiler Kit on the Applied Biosystem Real Time Polymerase Chain Reaction (PCR)7500 System. 3. Item 1, Item 2, Item 3 and Item 4 were amplified using AmpFISTR Identifiler Plus PCR Amplification Kit on 9700 GeneAmp PCR System. Y-STR (Short Tandem Repeat) amplification was carried out on Item 2 and item 3 using AmpFISTR Y-Filer PCR Amplification Kit on 9700 GeneAmp PCR System. 4. Electrophoresis was carried out on the Applied Biosystem 3500 Genetic Analyzer with GeneMapper ID-X Software for Item 1, Item 2, Item 3 and Item 4. 7. Reagent blank, positive control, negative control were analyzed throughout the analysis and all gave the intended results.

TABLE 8

WebCode	Additional Comments
JU43MJ	Per Technical Leader, screening tests were not required on this PT. Only DNA analysis and interpretation was performed. The 9 allele at D3 was removed from items 2e and 3e, this type is attributed to a documented artifact (pull-up).
JVTL3W	NOTE: Items 3 and 4 were also profiled using Identifiler and Minifiler kits. Concordant profiles were obtained for each sample in each additional kit.
KBXAQF	DYS391 is reported as INC for all samples tested per laboratory policy. For all samples tested, any labeled peaks that are likely due to PCR STR artifact were not reported and will not be used for conclusions or comparisons.
KCPNLL	The DNA analyst is not competent in biological screening; therefore, no screening tests were performed.
KFQBCA	NR=no results, Item 3 was processed in MiniFiler and Fusion, MiniFiler and Fusion are concordant, YFiler and Fusion are concordant at DYS391 for item 2 and 3.
KHGTUF	reported with stutter filters on
KPA9ZM	NR = No results
KRVEHD	Two additional DNA types were obtained from item PT20-43-3e indicating an additional donor(s) or artifacts. A 16 allele was observed at the D8S1179 locus that was interpreted as positive stutter at 1.6%. A 9 was also obtained at the D3S1358 locus that exhibited the same base pair size as the 9.3 at TH01 and was interpreted as Pull-up.
KU3PEG	Part I [Table 1]: Screening tests were not performed because this testing is outside of the job description for a Forensic Technician. Part II: [Tables 2 & 3 - DNA Analysis] (Items 3 & 4): These were not performed because this testing is outside of the job description for a Forensic Technician. Part III [Table 7] (DNA Interpretation): This was not performed because this testing is outside of the job description for a Forensic Technician.
L33UG4	At the loci in common, the MiniFiler DNA results agreed with those obtained by Identifiler Plus. The results obtained after Identifiler Plus analysis at LCN conditions agreed with those obtained by standard Identifiler Plus.
L4DNZ9	The results apply to the items tested or data provided, as received. All relevant samples have been retained by the [Laboratory] as required by the [State Code]. This report contains conclusions based on the interpretation and opinions of the below signed author. This test is accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI National Accreditation Board.
L7ZBTV	Results reported with stutter filters on. No mito or Y STR analysis performed.
LFFHWR	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
LGY9EA	Item 2 (Known blood from male suspect) did not successfully amplify utilizing Y-STR analysis. In multiple attempts made the entire stain was extracted and consumed. Although no further analysis can be performed on item 2, an interpretation and conclusion was successfully drawn. In a normal casework scenario an additional standard from the male suspect would be requested.
LQ9BZB	item 2 and item 3: CSF1PO: possible null allele
LXL27H	The Laboratory does not distinguish minor alleles as a probabilistic genotyping system is used and a stochastic threshold is not employed. Blank spaces in the STR results table indicate that results were not obtained at that locus.
LY4FTC	DYS391 is reported as INC for all samples tested per lab policy. Length heteroplasmy was present in the HVII region for Items 1, 2, 3 and 4.
M4XLBF	No analysis was performed on items 3 and 4. No comparisons were performed.
M8PWYR	reporting with stutter filters on

TABLE 8

WebCode	Additional Comments
M9XTWD	Fusion: Item 1 - elevated stutter (8 allele at 5.2% of 9 allele) at TH01. Item 2 - pull up (9 allele at D3S1358 is exact same base pair size as 9.3 at TH01). Item 4 - N+4/N-4 stutter combination (12 allele at 11% of 13 allele) at D16S539. Per communication - evidence items should be run as a stain extraction. No screening was performed by me.
MBP9MT	Note: Inclusions and exclusions were conducted by the analyst outside of the STRmix software program. STRmix was used; however to calculate a likelihood ratio on the following propositions: Item 3: 2s/U, Item 4: 1s/U. NR = No result.
MV8HGY	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
MVJZ3C	In item 3 (3e), a 9 allele was called at D3S1358 which was crossed off as pull up and was not included in the CTS allele table. In item 1 (1e), a 12 allele was called at D16S539 which was crossed off as stutter and was not included in the CTS allele table. In item 2 (2e), a 9 allele was called at D3S1358 which was crossed off as pull up and was not included in the CTS allele table. Two OL peaks were also called at TH01, which were crossed off as elevated baseline and not included in the CTS allele table.
MWJC4R	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
MXJQP6	Items 2 and 3 were processed in Yfiler and PowerPlex Fusion, the results were concordant at DYS391. Item 4 was processed in Minifiler and PowerPlex Fusion, the results were concordant for all overlapping loci.
N2AKRD	YSTR analysis was not performed on Item 1 and Item 4 due to no male DNA being detected utilizing Quantifiler Trio. NR = No interpretable results on 3/12, 6/12 (Part II: DNA Results)[Table 2: STR Amplification Kit(s) & Results and Table 3: YSTR Amplification Kit(s) & Results].
N6AWMD	YSTR analysis was not performed on Item 1 and Item 4 due to no male DNA being detected utilizing Quantifiler Trio.
NBVTAE	Item 3 - 9 @ D3 removed (pull-up)
NK7C8X	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
NTHEF4	Items 3 and 4 were PSA tested to determine whether the samples should be sent differential or non-differential.
NVLGZF	This lab does not do mito or Y-STR testing. Data analyzed with stutter filters on.
NYRQGB	Extraction: Item 1, Item 2, Item 3 and Item 4 were extracted using chelex extraction method. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Human DNA Quantification kit on Real-Time Polymerase Chain Reaction QuantStudio 5 System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using AmFISTR Identifiler Plus STR kit on 9700 GeneAmp PCR System. Y-STR amplification was carried out on Item 2 and Item 3 using AmFISTR Y-Filer kit on 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis of Identifiler Plus was carried out on Genetic Analyzer 3500xL for Item 1, Item 2, Item 3 and Item 4. Electrophoresis of Y-Filer was carried out on Genetic Analyzer 3130xl for Item 2 and Item 3. Quality Control: Reagent blank, positive control and negative control were incorporated throughout analysis and all gave intended results.
P87U8A	Reporting with stutter filters on.
PA3LYV	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
PB674A	Reporting with stutter filters on

TABLE 8

WebCode	Additional Comments
PG7PYD	Extraction: Item 1, Item 2, Item 3 and Item 4 were extracted by using the Chelex 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 by using AmpFLSTR™ Identifiler™ Plus Kit on Applied Biosystems™ GeneAmp™ PCR System 9700. Item 2 and Item 3 were also amplified by using Yfiler™ PCR Amplification Kit on Applied Biosystems™ GeneAmp™ PCR System 9700. Electrophoresis: Electrophoresis was carried out on Applied Biosystems™ 3500XL Genetic Analyzer and the data were analyzed with GeneMapper ID-X v1.5 software. Quality control: Reagent Blank, Positive Control and Negative Control were included throughout the analysis and all gave intended results.
PNP6WC	NR = No results
PPXFC	MiniFiler results for Items 3 and 4 were concordant with the results obtained for GlobalFiler. HV2 length heteroplasmy was observed for Items 1, 2, 3 and 4.
PTZEMK	Differential extraction was performed on item 3 and 4 but due to the low DNA quant value it was not amplified.
PXDJVT	Reporting results with stutter filters on
Q4WD4D	The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
Q6J2B7	HV2 length heteroplasmy observed in Items 1, 2, 3 & 4.
Q7V2EM	NR=No Results. NT=Not Tested.
Q8G9UA	Reporting results with stutter filters on.
QBRQVU	STRmix results are reported with stutter filters on
QC8CXN	NR- NOT REPORTABLE
QEBGXP	Differential extractions were not performed. Therefore, complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
QEER7F	Items 3 and 4 were both differentially extracted. The sperm fractions of both samples were not carried forward for DNA typing due to less than, or equal to, 0.0005ng/uL of DNA (for Item 3), or due to insufficient amount of male DNA (for Item 4). The answers in this CTS report were reported using probabilistic genotyping. All alleles deemed possible for any contributor to the mixture are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in true stutter peaks being reported as possible alleles. In addition, probabilistic genotyping also considers the potential for allele drop-out. Possible missing alleles are reported as "Q" alleles in the results.
QGLMV6	Analyst is only authorized for serological reporting, so serology results only are reported.
QK7X79	For PowerPlex Fusion results, DYS391 is reported as INC per laboratory policy. For all samples tested, any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
RCAGWX	The Identifiler Plus and Minifiler test results obtained for item 3 and item 4 were concordant for each sample.
RGWFX7	Qualified forensic biologist performed all screening tests. The DNA analyst reviewed and interpreted the male screen results. NR = No Result. KM* = The DNA analyst performed KM testing.
RLM3HD	NR = No results
RNZAK6	Reporting with stutter filters on
RTWTQA	Reporting results with stutter filters on

TABLE 8

WebCode	Additional Comments
RUYFJC	An additional allele (9) was called at D3S1358 for item 2. This peak is consistent with pull-up from the allele at TH01 and was interpreted as such.
TKXYJ6	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.
TL4B9T	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
TRVHTM	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
TW3NA8	NA = Not analyzed (since sample is a female known)
U4Y96T	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
U68ZZA	Item 2e @D3 common artifact typed as 9 allele, Item 3e @D3 common artifact typed as 9 allele and elevated n-4 stutter @Penta E (7.8% detected/7.6% allowed)
U6FYBX	NR = No results
UGLDEB	NR = No result
UHFVY7	NR= NO RESULT. Tests were completed in the capacity of a technician, there for no serology results or DNA interpretations were included.
UNT7G6	For PowerPlex Fusion results, DYS391 is reported as INC for all samples tested per lab policy. For all samples tested, any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons.
UQTCLR	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
VDKR2Y	Item 4: AP test was inconclusive due to fabric color.
VL94ZR	STRmix, results with stutter filters on
VN7VHW	Only screening was performed, and only methods currently approved by this unit were used for analysis. No samples were forwarded for DNA analysis at this time. The results apply to the items tested or data provided, as received. All relevant samples have been retained by the [Laboratory] as required by the [State Code]. These tests are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI National Accreditation Board. This report contains conclusions based on the interpretation and opinions of the below signed author. [Components of this section were removed for confidentiality purposes.]
VRL2M6	NR = No results
VX6Q69	NR = no results
WA4LEM	Reporting results with stutter filters on.
WBGU83	NA = Not applicable, NR = No results
WM7RZ3	Please note, no screening/DNA analysis performed; interpretation only.

TABLE 8

WebCode	Additional Comments
XF7EJ3	Extraction: Item 1, Item 2, Item 3 and Item 4 were extracted using chelex extraction method. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Human DNA Quantification kit on Real-Time Polymerase Chain Reaction QuantStudio 5 System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using AmFISTR Identifiler Plus STR kit on 9700 GeneAmp PCR System. Y-STR amplification was carried out on Item 2 and Item 3 using AmFISTR Y-Filer kit on 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis of Identifiler Plus was carried out on Genetic Analyzer 3500xL for Item 1, Item 2, Item 3 and Item 4. Electrophoresis of Y-Filer was carried out on Genetic Analyzer 3130xl for Item 2 and Item 3. Quality Control: Reagent blank, positive control and negative control were incorporated throughout analysis and all gave intended results.
XLT9G3	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.
XMUR9X	Items 1 and 2 were processed to obtain a DNA profile. No interpretation was performed.
XMWENP	Reporting STRmix results with stutter filters on
XQY9Q2	Male-specific (Y-STR) DNA analysis was not performed on the known blood from the female victim (item 1). NR = No Results
XXMGKW	The results apply to the items tested or data provided, as received. All relevant samples have been retained by the [Laboratory] as required by the [State Code]. This report contains conclusions based on the interpretation and opinions of the below signed author. This test is accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI National Accreditation Board. [Components of this section were removed for confidentiality purposes.]
Y6R89N	Reporting STRmix results with stutter filters on
Y8LGFP	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
YEY7F4	Item 1 - stutter 10.4% @ D16S539; Item 3 - pull-up @ D3S1358
YXD427	NR = No Results
YZJM2N	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
Z2RH6L	The stutter filters remain on for reporting STRmix results.
ZCWKK3	The laboratory site of the reporting examiner does not perform serology screening or differential extractions; therefore, no screening tests or differential extractions were performed.
ZEMLQQ	NR = no result
ZK632P	Reporting STRmix results with stutter filters on.
ZK6HBM	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
ZPZ8XL	Differential extractions were not performed. Therefore complete lysis of sperm cells for male contributors may not occur. This could result in a partial profile for a minor male component.
ZV9QYY	Minifiler results were concordant for overlapping loci with Globalfiler for Items 3 and 4.
ZW2P87	NR = No interpretable result
ZXDCQ7	All screening tests were performed by a qualified Forensic Biologist. Additionally, the DNA Analyst performed KM testing which yielded identical results. NR = No results.

TABLE 8

WebCode	Additional Comments
ZYT MU3	<p>Extraction: Item 1, Item 2, Item 3 and Item 4 were extracted using the Chelex extraction method.</p> <p>Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using the Quantifiler Human DNA Quantification kit on the Applied Biosystem Real Time Polymerase Chain Reaction (PCR) 7500 system.</p> <p>Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using the AmpFISTR Identifiler Plus PCR Amplification kit on the 9700 GeneAmp PCR System. Y-STR (Y-Short Tandem Repeat) amplification was carried out on Item 2 and Item 3 using the AmpFISTR Y-filer PCR Amplification kit on the 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis was carried out on the Applied Biosystems 3500xl Genetic Analyzer with GeneMapper ID-X Software for Item 1, Item 2, Item 3 and Item 4 (Identifiler Plus). Electrophoresis for Y-Filer was carried out on the Applied Biosystems 3500xl Genetic Analyzer with GeneMapper ID-X Software for Item 2 and Item 3. Quality Control: Reagent blank, positive control and negative control were carried out throughout the analysis and all gave intended results.</p>

-End of Report-
(Appendix may follow)

Collaborative Testing Services ~ Forensic Testing Program

Test No. 20-5701: Forensic Biology

DATA MUST BE SUBMITTED BY **March 9, 2020, 11:59 p.m.** TO BE INCLUDED IN THE REPORT

Participant Code: U1234H

WebCode: 8PHTJA

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

Scenario:

Police are investigating the murder of a female victim. The victim was found at home after not showing up for work. The victim was found dead and appeared to have been holding a bloody knife. The victim's boyfriend was arrested after seeking medical help from a deep cut on his arm. Investigators are submitting a stain from a towel (Item 3) found in the victim's bathroom and a stain from pants (Item 4) the suspect was wearing. Also collected were known blood samples from the female victim (Item 1) and the male suspect (Item 2).

Items Submitted (Sample Pack B1):

Item 1: Known blood from the female victim

Item 2: Known blood from the male suspect

Item 3: Questioned stain from towel (yellow)

Item 4: Questioned stain from suspect's pants (blue)

Part I: SCREENING TESTS

Note: Laboratories submitting their results for ASCLD/LAB or NATA accreditation MUST identify any screening tests performed and report the test results.

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

Please use the abbreviations listed in this response key to fill in the Screening Test tables on this tab. This is not an all inclusive list of tests, and should not be used to determine what tests should be performed.

TESTS NOT ON THIS LIST MAY BE USED FOR SCREENING.

Test	Abbreviation	Test	Abbreviation
Acid Phosphatase	AP	Alternate Light Source	ALS
Kastle Meyer	KM	Leucomalachite Green	LMG
Microscopic	Micro	Ortho-tolidine	O-tol
Phenolphthalein-Tetramethyl benzidine	PTMB	Prostate Specific Antigen	PSA
Rapid Stain Identification	RSID	Tetramethyl benzidine	TMB

Example:	<u>Positive</u>	<u>Negative</u>	<u>Inconclusive</u>	<u>Not Tested</u>	<u>Test(s) Performed</u>
Blood	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	KM, O-tol, PTMB
Semen	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	PSA
Saliva	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Other Specified Body Fluid	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

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

Item 3:

	<u>Positive</u>	<u>Negative</u>	<u>Inconclusive</u>	<u>Not Tested</u>	<u>Test(s) Performed</u>
Blood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Semen	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Saliva	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Other: <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>

Item 4:

	<u>Positive</u>	<u>Negative</u>	<u>Inconclusive</u>	<u>Not Tested</u>	<u>Test(s) Performed</u>
Blood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Semen	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Saliva	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Other: <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>

Test No. 20-5701 Data Sheet, continued

Participant Code: U1234H
WebCode: 8PHTJA

Part II: DNA Results for Known Item 1

- Report alleles in numerical order, separated by a comma.
- Follow your laboratory procedures for reporting homozygotes (i.e. X,X or X) and null responses.
- If your laboratory policy is to indicate minor or weaker alleles, please enclose them within brackets [].

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):

Alleles below are sorted in Default order.

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

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

Alleles below are sorted in Default order.

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

Test No. 20-5701 Data Sheet, continued

Participant Code: U1234H
WebCode: 8PHTJA

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

- Report alleles in numerical order, separated by a comma.
- Follow your laboratory procedures for reporting homozygotes (i.e. X,X or X) and null responses.
- If your laboratory policy is to indicate minor or weaker alleles, please enclose them within brackets [].

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):

Alleles below are sorted in Default order.

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

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

Alleles below are sorted in Default order.

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

Test No. 20-5701 Data Sheet, continued

Participant Code: U1234H
WebCode: 8PHTJA

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

- Report alleles in numerical order, separated by a comma.
- Follow your laboratory procedures for reporting homozygotes (i.e. X,X or X) and null responses.
- If your laboratory policy is to indicate minor or weaker alleles, please enclose them within brackets [].

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):

Did you perform a differential extraction of Item 3? YES NO

Alleles below are sorted in **Default** order.

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
3						
3 e						
3 sp						
ITEM	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
3						
3 e						
3 sp						
ITEM	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
3						
3 e						
3 sp						
ITEM	FGA	Penta D	Penta E	SE33	TH01	TPOX
3						
3 e						
3 sp						
ITEM	vWA	DYS391	DYS570	DYS576	Y Indel	
3						
3 e						
3 sp						

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

Did you perform a differential extraction of Item 3? YES NO

Alleles below are sorted in **Default** order.

ITEM	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
3									
3 e									
3 sp									
ITEM	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
3									
3 e									
3 sp									
ITEM	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	Y GATA H4
3									
3 e									
3 sp									

Test No. 20-5701 Data Sheet, continued

Participant Code: U1234H
WebCode: 8PHTJA

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

- Report alleles in numerical order, separated by a comma.
- Follow your laboratory procedures for reporting homozygotes (i.e. X,X or X) and null responses.
- If your laboratory policy is to indicate minor or weaker alleles, please enclose them within brackets [].

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):

Did you perform a differential extraction of Item 4? YES NO

Alleles below are sorted in **Default** order.

ITEM	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
4						
4 e						
4 sp						
ITEM	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
4						
4 e						
4 sp						
ITEM	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
4						
4 e						
4 sp						
ITEM	FGA	Penta D	Penta E	SE33	TH01	TPOX
4						
4 e						
4 sp						
ITEM	vWA	DYS391	DYS570	DYS576	Y Indel	
4						
4 e						
4 sp						

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

Did you perform a differential extraction of Item 4? YES NO

Alleles below are sorted in **Default** order.

ITEM	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
4									
4 e									
4 sp									
ITEM	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
4									
4 e									
4 sp									
ITEM	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	Y GATA H4
4									
4 e									
4 sp									

Part II (continued): DNA Analysis - Additional DNA

- Use this section to report results for loci not currently listed in other sections of the data sheet.
- Report alleles in numerical order, separated by a comma.
- If your laboratory policy is to indicate minor or weaker alleles, please enclose them within brackets [].
- Click "Add Row" to show another row of boxes for entry.

Did you perform a differential extraction of Item 3? Yes No

Did you perform a differential extraction of Item 4? Yes No

Locus	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp

Part II (continued): DNA Analysis - Mitochondrial DNA

- Report the range of bases sequenced for each Item tested in the appropriate box.
- List the base pair values and the associated deviations from the standard Anderson sequence in the designated boxes below each Item number.
- Click "Add Row" to show another row of boxes for entry.

HVR I	Item 1	Item 2	Item 3	Item 4
Bases Sequenced:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

HVR II	Item 1	Item 2	Item 3	Item 4
Bases Sequenced:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Part III: DNA INTERPRETATION

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

<u>Victim (Item 1).</u>			<u>Suspect (Item 2).</u>		
	Item 3	Item 4		Item 3	Item 4
Yes	<input type="radio"/>	<input type="radio"/>	Yes	<input type="radio"/>	<input type="radio"/>
No	<input type="radio"/>	<input type="radio"/>	No	<input type="radio"/>	<input type="radio"/>
Inconclusive	<input type="radio"/>	<input type="radio"/>	Inconclusive	<input type="radio"/>	<input type="radio"/>
No Interpretation	<input type="radio"/>	<input type="radio"/>	No Interpretation	<input type="radio"/>	<input type="radio"/>

DNA interpretations not reported; samples analyzed for database purposes only:

Part IV: ADDITIONAL COMMENTS

- Use this section to report comments regarding any part of this test.
- Written conclusions (including statistical information) for DNA analysis are not required.
- Any interpretations based on the results obtained should be indicated in the section above.
- Note: Laboratories submitting their results for accreditation are asked to report any additional information that will assist in the review of their results. This includes an explanation of any deviations from a full completion of the test and/or unique findings such as elevated stutter.

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

Test No. 20-5701 Data Sheet, continued

Participant Code: U1234H
WebCode: 8PHTJA

RELEASE OF DATA TO ACCREDITATION BODIES

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

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

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

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

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

ANAB Certificate No.
(Include ASCLD/LAB Certificate here)

A2LA Certificate No.

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

Authorized Contact Person and Title

Laboratory Name

Location (City/State)