



Forensic Biology Test No. 19-5701

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 732 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, and 3 were prepared using human whole blood which was either drawn into citric acid preservative bags or EDTA tubes. The stain on Item 4 was a mixture prepared from human whole blood and semen. The semen was first thawed and mixed 1:1 with TAE buffer, then mixed 1:1 with the blood. Items 1 and 3 (50 μ l) were created using blood collected from the same female donor. Item 2 (50 μ l) was created using blood collected from a male donor. Item 4 (50 μ l) was a 1:1 mixture that was prepared using blood from the same female donor used for Item 1 and semen from a male donor, different from the donor used for Item 2. Stains from different sources were prepared at separate times and were packaged once they were thoroughly dried. Completed sample sets were stored at -20°C until shipment on January 3, 2019 following completion of the verification stage.

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

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

Manufacturer's Information, continued

Amelogenin and STR Results						
<i>Results compiled from predistribution laboratories and a consensus of at least 10 participants.</i>						
Item	D1S1656	D2S1338	D2S441	D3S1358	D5S818	D6S1043
	D7S820	D8S1179	D10S1248	D12S391	D13S317	D16S539
	D18S51	D19S433	D21S11	D22S1045	Amelogenin	CSF1PO
	FGA	Penta D	Penta E	SE33	TH01	TPOX
	vWA	DYS391	DYS570	DYS576	Y Indel	
1	12,15.3	17,18	10,11	16,17	12,12	14,18
	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17	NM	NM	NM	NM	
2	15,16	17,23	10,11	14,16	8,12	18,19
	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18,18	7,9	8,8
	15,18	11	16	19	2	
3	12,15.3	17,18	10,11	16,17	12,12	14,18
	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17	NM	NM	NM	NM	
4-Blood	12,15.3	17,18	10,11	16,17	12,12	14,18
	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17	NM	NM	NM	NM	
4-Semen	16.3,17.3	16,26	14,15	15,18	11,11	15,17
	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	11,12	12,16	27.2,27.2	6,8	8,9
	16,19	10	17	18	2	

YSTR Results									
<i>Results compiled from predistribution laboratories and a consensus of at least 10 participants.</i>									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13	13	16	19	22	23	10	13
4-Semen	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12	13	17	18	22	23	10	13

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	73-430	16024-16365
3	49-369	16024-16390

Deviations HVR-II, HVR-I

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

	73.0	263.0	315.1	16256.0	16270.0	16293.0
ITEM 1	G	G	C	T	T	G

	73.0	263.0	315.1	16124.0	16189.0	16223.0	16311.0	16362.0
ITEM 2	G	G	C	C	Y	T	C	C

	73.0	263.0	315.1	16256.0	16270.0	16293.0
ITEM 3	G	G	C	T	T	G

Summary Comments

The 19-5701 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 3 were each created using blood from the same female donor. Item 2 was created using blood from a male donor. Item 4 was created using blood from the Item 1 female donor and semen from a male donor, different from the male donor used for Item 2. (See Manufacturer's Information for preparation details)

Data were returned by 732 participants.

Screening Test Results:

Screening results were returned by a total of 683 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 682 participants that returned results reported "Positive" for the presence of blood. For the presence of semen, all 661 participants that returned results reported "Negative". All but one of the 172 participants that returned results for saliva reported "Negative" results. This one participant reported "Inconclusive" results.

For Item 4, all 682 participants that returned results reported "Positive" for the presence of blood. For the presence of semen, all 666 participants that returned results reported "Positive" results. All 183 participants that returned results for saliva, reported "Negative" results.

DNA Analysis Results:

Of the 689 participants that returned results, 663 reported DNA interpretations. Twelve participants stated that the samples were only analyzed for database purposes and ten selected the "No Interpretations" option individually for all Interpretation questions.

For both the Item 3 and Item 4 stains, all participants that reported interpretations included the victim (Item 1) and excluded the suspect (Item 2) as possible contributors.

A total of 104 participants reported allelic results that differed from consensus/predistribution results for one or more items. Most of these participants reported an additional allele at one or more loci for the mixture sample with many of these participants utilizing probabilistic genotyping (PG) software. Based on the interpretations above, these inconsistencies did not appear to affect these participants' conclusions.

For the Item 2 stain, eighteen participants reported results of "16,16" or "16" at the D22S1045 locus where the consensus was "10,16". All of these participants indicated the use of the Investigator 24plex kit.

A total of 127 participants reported the use of PG software. There were several types of software used. However, the genotyping software STRmix was reported most frequently by participants.

Key for Screening Tests Used

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

Test	Abbreviation
Acid Phosphatase	AP
Kastle Meyer	KM
Leucomalachite Green	LMG
Microscopic	Micro
Ortho-tolidine	O-tol
Phenolphthalein-Tetramethyl	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
22LLAE					
Item 3	Pos	KM, ABACard-HemaTrace	Neg AP	Neg Phadebas	Human Origin, Pos PowerQuant
Item 4	Pos	KM, ABACard-HemaTrace	Pos AP, Micro, ABACard-p30	Neg Phadebas	Human Origin, Pos PowerQuant
236DP4					
Item 3	Pos	BLUESTAR OBTI	NT	NT	
Item 4	Pos	BLUESTAR OBTI	Pos RSID™ Semen Kit	NT	
23FTD7					
Item 3	Pos	LMG, HemaTrace	Neg ALS, AP, Micro, p30	NT	
Item 4	Pos	LMG, HemaTrace	Pos ALS, AP, Micro	NT	
23WMXY					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	NT	NT	
23YACQ					
Item 3	Pos	LMG	Neg AP	NT	
Item 4	Pos	LMG	Pos AP, Micro	NT	
26KFIG					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
27X8NY					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
28PPWR					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg Amylase Diffusion	
Item 4	Pos	KM, HemaTrace	Pos ALS, AP, Micro	Neg Amylase Diffusion	
2F67VT					
Item 3	Pos	LMG	Neg AP	Inc Amylase	ALS, Pos
Item 4	Pos	LMG	Pos AP, PSA	NT	ALS, Neg
2FJKBP					
Item 3	Pos	KM	Neg AP, ALS		
Item 4	Pos	KM	Pos AP, Micro	Neg RSID	
2JMFWD					
Item 3	Pos	LMG	Neg ALS, AP	NT	
Item 4	Pos	LMG	Pos ALS, AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
2KXFWE					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
2MMQQT					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	
2NDP7C					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP	NT	
2PQZMB					
Item 3	Pos	TMB, HemDirect	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
2TTDNN					
Item 3	Pos	KM	Neg AP	Neg Phadebas	Human origin, Pos PowerQuant
Item 4	Pos	KM	Pos AP, Micro	Neg Phadebas	Human origin, Pos PowerQuant
2XZH69					
Item 3	NT		Neg Micro	NT	
Item 4	NT		Pos Micro	NT	
2YAGAQ					
Item 3	Pos	KM	NT	NT	Screen for male DNA, Neg Zygem
Item 4	Pos	KM	NT	NT	Screen for male DNA, Pos Zygem
2Z9HH3					
Item 3	Pos	TMB, Hem-Direct	Neg ALS, AP	NT	
Item 4	Pos	TMB, Hem-Direct	Pos ALS, AP, Micro, PSA	NT	
32GXGL					
Item 3	Pos	KM, ABA Card	Neg TMP	Neg RSID Card	
Item 4	Pos	KM, ABA Card	Pos TMP, ABA Card, Micro	Neg RSID Card	
32WWGH					
Item 3	Pos	LMG	Neg AP, Micro	NT	
Item 4	Pos	LMG	Pos AP, Micro	NT	
33QKWR					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
344VDQ					
Item 3	Pos	TMB	Neg	AP, Micro, PSA	NT
Item 4	Pos	TMB	Pos	AP, Micro	NT
34FEC3					
Item 3	Pos	KM	Neg	AP, PSA, Micro	NT
Item 4	Pos	KM	Pos	AP, PSA, Micro	NT
37V2H3					
Item 3	Pos	red-brown, phth, O-tol	Neg	AP, ALS	NT
Item 4	Pos	red-brown, phth, O-tol	Pos	Micro, AP, ALS	NT
3CUJ6M					
Item 3	Pos	LMG, HemaTrace	Neg	AP, PSA	
Item 4	Pos	LMG, HemaTrace	Pos	AP, PSA	
3CWYNF					
Item 3	Pos	O-tol	Neg	AP	
Item 4	Pos	O-tol	Pos	AP	
3EDFN8					
Item 3	Pos	LMG, HemaTrace	Neg	AP, PSA, Micro	NT
Item 4	Pos	LMG, HemaTrace	Pos	AP, PSA, Micro	NT
3FTUX3					
Item 3	Pos	HemaTrace	Neg	p30, Micro	NT
Item 4	Pos	HEMATERACE	Pos	p30, Micro	NT
3GCM9C					
Item 3	Pos	PTMB	Neg	AP	NT
Item 4	Pos	PTMB	Pos	AP, Micro	NT
3JXUMK					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT
3JZY8H					
Item 3	Pos	PTMB	Neg	AP	NT
Item 4	Pos	PTMB	Pos	AP, Micro	NT
3L9J7W					
Item 3	Pos	PTMB, HemaTrace	Neg	AP	NT
Item 4	Pos	PTMB, HemaTrace	Pos	AP, Micro	NT
3P2DFC					
Item 3	Pos	Hemophan, FOB	Neg	AP, RSID Semen	Neg RSID Saliva
Item 4	Pos	Hemophan, FOB	Pos	AP, RSID Semen	Neg RSID Saliva

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
3P7GH4						
Item 3	Pos	TMB, HemDirect	Neg	ALS, AP	NT	
Item 4	Pos	TMB, HemDirect	Pos	ALS, AP, Micro, PSA	NT	
3PMCIB						
Item 3	Pos	KM	Neg	ALS, AP, Micro	NT	
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT	
3QEX8M						
Item 3	Pos	KM	Neg	PSA	NT	
Item 4	Pos	KM	Pos	PSA	NT	
3RFZLC						
Item 3	Pos	TMB, HemaTrace	Neg	AP, p30, Micro	Neg	RSID
Item 4	Pos	TMB, HemaTrace	Pos	AP, p30, Micro	Neg	RSID
3RRZGL						
Item 3	Pos	KM	Neg	ALS, AP, Micro, PSA	NT	
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT	
3T4L7M						
Item 3	Pos	KM	Neg	AP, PSA, Micro	NT	
Item 4	Pos	KM	Pos	AP, PSA, Micro	NT	
3Z4FAA						
Item 3	Pos	Visual, LMG, HemaTrace	Neg	Micro, PSA	NT	
Item 4	Pos	Visual, LMG, HemaTrace	Pos	Micro	NT	
43MC86						
Item 3	Pos	PTMB, HemaTrace	Neg	AP	NT	
Item 4	Pos	PTMB, HemaTrace	Pos	AP, Micro	NT	
43RRJK						
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg	Phadebas
44JQY4						
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP, Micro, p30	NT	
Item 4	Pos	KM, HemaTrace	Pos	ALS, AP, Micro, p30	NT	
46AQJF						
Item 3	Pos	KM	Neg	AP, Micro	NT	
Item 4	Pos	KM	Pos	AP, Micro	NT	
46DEDT						
Item 3	Pos	PTMB, HemaTrace	Neg	AP	NT	
Item 4	Pos	PTMB, HemaTrace	Pos	AP, Micro	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
472NQM						
Item 3	Pos	KM, LMG, RSID	Neg	ALS, AP, PSA, Micro	Neg	RSID
Item 4	Pos	KM, LMG, RSID	Pos	ALS, AP, PSA, Micro	Neg	RSID
47BE7L						
Item 3	Pos	KM, HemaTrace	Neg	AP	NT	
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro	Neg	RSID-Amylase
4B6LW2						
Item 3	Pos	PTMB, HemaTrace	Neg	AP	NT	
Item 4	Pos	PTMB, HemaTrace	Pos	AP, Micro	NT	
4D4J6N						
Item 3	Pos	KM	Neg	AP, Micro	NT	
Item 4	Pos	KM	Pos	AP, Micro	NT	
4EHJ8V						
Item 3	Pos	TMB (Hemastix), HemaTrace	Neg	ALS, AP	NT	
Item 4	Pos	TMB (Hemastix), HemaTrace	Pos	ALS, AP, p30, Micro	NT	
4LMTNJ						
Item 3	Pos	KM	Neg	AP, PSA	Neg	RSID
Item 4	Pos	KM	Pos	AP, PSA, Micro	NT	
4N9N4W						
Item 3	Pos	KM	Neg	AP/Micro	NT	
Item 4	Pos	KM	Pos	AP/Micro	NT	
4RAF32						
Item 3	Pos	PTMB, HemaTrace	Neg	AP	NT	
Item 4	Pos	PTMB, HemaTrace	Pos	AP, Micro, PSA	NT	
4V4AZ3						
Item 3	Pos	PTMB, HemaTrace	Neg	ALS, AP	NT	
Item 4	Pos	PTMB, HemaTrace	Pos	ALS, AP, Micro, PSA	NT	
4XGADK						
Item 3	Pos	KM, HemaTrace	Neg	AP	NT	
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro	Neg	RSID
63BEPF						
Item 3	Pos	KM, HemaTrace	Neg	Micro, AP, p30, ALS	Neg	SALigAE
Item 4	Pos	KM, HemaTrace	Pos	Micro, ALS	Neg	SALigAE
64B2G7						
Item 3	Pos	KM	Neg	ALS	NT	
Item 4	Pos	KM	Pos	ALS, Micro	NT	

TABLE 1

Webcode	Fluid ID						
	Item	Blood	Semen	Saliva	Other		
64CP4B							
Item 3	Pos	KM	Neg	AP, Micro	Neg	RSID	
Item 4	Pos	KM	Pos	AP, Micro	Neg	RSID	
64H9EE							
Item 3	Pos	KM, ABACard HemaTrace	Neg	AP	Neg	Phadebas press	
Item 4	Pos	KM, ABACard HemaTrace	Pos	AP, PSA	Neg	Phadebas press	
66B7MK							
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg	Phadebas	
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg	Phadebas	
678GLU							
Item 3	Pos	KM	Neg	ALS, AP, Micro	Neg	ALS, Phadebas	Human DNA detected, Pos Quantifiler Trio
Item 4	Pos	KM	Pos	ALS, AP, Micro	Neg	ALS, Phadebas	Human DNA detected, Pos Quantifiler Trio
68EFJ4							
Item 3	Pos	LMG, HemaTrace	Neg	ALS, Micro, p30	NT		
Item 4	Pos	LMG, HemaTrace	Pos	ALS, Micro, p30	NT		
6AEXB4							
Item 3	Pos	KM, HemaTrace	Neg	Micro, PSA	Neg	RSID	Male DNA, Neg Y-Screening
Item 4	Pos	KM, HemaTrace	Pos	Micro, PSA	Neg	RSID	Male DNA, Pos Y-Screening
6BRCWR							
Item 3	Pos	Hemochromogen	Neg	AP	NT		Hair, Neg Visual
Item 4	Pos	Hemochromogen	Pos	AP, Micro	NT		Hair, Neg Visual
6D2TBW							
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT		
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT		
6EHYX2							
Item 3	Pos	TMB, HemaTrace	Neg	AP, PSA, Micro	NT		
Item 4	Pos	TMB, HemaTrace	Pos	AP, PSA, Micro	NT		
6FBW78							
Item 3	Pos	KM	Neg	AP, Micro	NT		
Item 4	Pos	KM	Pos	AP, Micro	NT		
6FM434							
Item 3	Pos	LMG, HemaTrace	Neg	ALS, AP, p30, Micro	NT		
Item 4	Pos	LMG, HemaTrace	Pos	ALS, AP, p30, Micro	NT		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
6K8T4U				
Item 3	Pos Hemestix, Takayama, RSID	Neg Micro, PSA	NT	
Item 4	Pos Hemestix, Takayama, RSID	Pos Micro, PSA	NT	
6LF6LV				
Item 3	Pos TMB, TK, RSID	Neg ALS, PSA, Micro		
Item 4	Pos TMB, TK, RSID	Pos ALS, PSA, Micro		
6N6J4D				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
6NL42B				
Item 3	Pos LMG, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos LMG, HemaTrace	Pos ALS, AP, Micro	NT	
6NLQCG				
Item 3	Pos KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	Neg RSID	
6PWGCK				
Item 3	Pos KM, LMG, RSID	Neg ALS, AP	Neg RSID	
Item 4	Pos KM, LMG, RSID	Pos ALS, AP, Micro, PSA	Neg RSID	
6PY6YQ				
Item 3	Pos Hemastix	Neg AP	NT	
Item 4	Pos Hemastix	Pos AP, Micro	NT	
6QNPBN				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
6RYMMJ				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
6U7VZB				
Item 3	Pos KM	Neg AP, ALS	NT	
Item 4	Pos KM	Pos AP, ALS, Micro	NT	
6UABDB				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Pos AP	NT	
6UK7Q3				
Item 3	Pos HemaTrace	Neg PSA, Micro	NT	
Item 4	Pos HemaTrace	Pos PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
6ZBPL7					
Item 3	Pos	KM	Neg	ALS	NT
Item 4	Pos	KM	Pos	ALS, Micro	NT
6ZDD9B					
Item 3	Pos	seratec hem direct	Neg	seratec PSA	Neg seratec amy
Item 4	Pos	seratec hem direct	Pos	seratec PSA	Neg seratec amy
76NPYB					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
77BK6P					
Item 3	Pos	TMB	Neg	AP, Micro, PSA	NT
Item 4	Pos	TMB	Pos	AP, Micro, PSA	NT
789LFN					
Item 3	Pos	KM	Neg	AP, Micro	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
793CJG					
Item 3	Pos	Hemastix	Neg	PSA, Micro	NT
Item 4	Pos	Hemastix	Pos	PSA, Micro	NT
79JN2M					
Item 3	Pos	KM	Neg	AP, Micro	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
7AJ839					
Item 3	Pos	KM	Neg	AP	Neg Phadebas
Item 4	Pos	KM	Pos	AP, Micro	Neg Phadebas
7B4JGZ					
Item 3	Pos	KM	Neg	AP (no slide)	Neg Phadebas
Item 4	Pos	KM	Pos	AP (with slide)	Neg Phadebas
7BCA3Q					
Item 3	Pos	Hemastix, HemaTrace	Neg	PSA	NT
Item 4	Pos	Hemastix, HemaTrace	Pos	PSA	NT
7BRKQX					
Item 3	Pos	TMB, HemDirect	Neg	ALS, AP	NT
Item 4	Pos	TMB, HemDirect	Pos	ALS, AP, Micro, PSA	NT
7CQ968					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Pos	ALS, AP	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
7DW7H4					
Item 3	Pos	LMG, HemaTrace	Neg	ALS, Micro, PSA	NT
Item 4	Pos	LMG, HemaTrace	Pos	ALS, Micro, PSA	NT
7KNRRW					
Item 3	Pos	O-tol, KM, RSID Blood, HemaTrace	NT		NT
Item 4	Pos	O-tol, KM, RSID Blood, HemaTrace	NT		NT
7KWT9H					
Item 3	Pos	KM, LMG, RSID	Neg	ALS, AP, Micro, PSA	Neg RSID
Item 4	Pos	KM, LMG, RSID	Pos	ALS, AP, Micro, PSA	Neg RSID
7KXFVN					
Item 3	Pos	KM, Hemastix, HemaTrace	Neg	AP	Neg RSID
Item 4	Pos	KM, Hemastix, HemaTrace	Pos	AP, PSA, Micro	Neg RSID
7LTPUC					
Item 3	Pos	KM, HemaTrace	Neg	AP, Micro, PSA	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro, PSA	Neg Phadebas
7NJNBV					
Item 3	Pos	KM	Neg	Micro, PSA	NT
Item 4	Pos	KM	Pos	Micro, PSA	NT
7NKZWL					
Item 3	Pos	KM	Neg	AP, Micro	Neg RSID
Item 4	Pos	KM	Pos	AP, Micro	Neg RSID
7NLDGE					
Item 3	Pos	Combur (TMB), KM	Neg	AP, PSA	Neg Phadebas
Item 4	Pos	Combur (TMB), KM	Pos	AP, PSA, Micro	Neg Phadebas
7PF9XV					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, PSA	NT
7U8B4F					
Item 3	Pos	KM, HemaTrace	NT		NT
Item 4	Pos	KM, HemaTrace	NT		NT
7UL2P6					
Item 3	Pos	KM	Neg	AP, ALS	NT
Item 4	Pos	KM	Pos	AP, ALS	NT
7X3UUZ					
Item 3	Pos	PTMB	Neg	AP	NT
Item 4	Pos	PTMB	Pos	AP, Micro	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
82GTMK					
Item 3	Pos	Hemastix	Neg AP	NT	
Item 4	Pos	Hemastix	Pos AP, Micro	NT	
83Y4XR					
Item 3	Pos	KM	Neg AP, PSA, Micro	Neg Amylase Radial Diffusion	
Item 4	Pos	KM	Pos AP, PSA, Micro	Neg Amylase Radial Diffusion	
84R4NB					
Item 3	Pos	LMG	Neg AP, Micro	NT	
Item 4	Pos	LMG	Pos AP, Micro	NT	
87CH8Y					
Item 3	Pos	KM, HemDirect card	Neg AP, Micro, PSA card		
Item 4	Pos	KM, HemDirect card	Pos AP, Micro, PSA card		
89763B					
Item 3	Pos	KM	Neg ALS, AP, Micro, PSA	Neg RSID-Saliva	Human, Pos PowerQuant
Item 4	Pos	KM	Pos ALS, AP, Micro	Neg RSID-Saliva	Human, Pos PowerQuant
89PGYF					
Item 3	Pos	KM	Neg AP, ALS	NT	
Item 4	Pos	KM	Pos AP, ALS, Micro	NT	
89ZMPP					
Item 3	Pos	PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos	PTMB, HemaTrace	Pos AP, Micro	NT	
8ATY9Q					
Item 3	Pos	TMB	Neg AP, PSA, Micro	NT	
Item 4	Pos	TMB	Pos AP, Micro	NT	
8C3XUK					
Item 3	Pos	Hemastix	Neg AP	NT	
Item 4	Pos	Hemastix	Pos AP, Micro	NT	
8CJZEE					
Item 3	Pos	LMG, HemaTrace	Neg ALS, AP, Micro, p30	NT	
Item 4	Pos	LMG, HemaTrace	Pos ALS, AP, Micro, p30	NT	
8DBZUX					
Item 3	Pos	TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos	TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
8DC6WD					
Item 3	Pos	PTMB	Neg ALS, AP	NT	
Item 4	Pos	PTMB	Pos ALS, AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
8FJ6ED					
Item 3	Pos	KM	Neg	AP, Micro	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
8H3D97					
Item 3	Pos	KM	Neg	ALS	NT
Item 4	Pos	KM	Pos	ALS, Micro	NT
8H42UQ					
Item 3	Pos	TMB	Neg	AP, PSA, Micro	NT
Item 4	Pos	TMB	Pos	AP, Micro	NT
8HM3HE					
Item 3	Pos	LMG	Neg	AP, PSA	Neg RSID
Item 4	Pos	LMG	Pos	AP, PSA, Micro	Neg RSID
8HQ7AP					
Item 3	Pos	KM	Neg	ALS, AP, Micro	Human DNA detected, Pos Quantifiler Trio
Item 4	Pos	KM	Pos	ALS, AP, Micro	Human DNA detected, Pos Quantifiler Trio
8HT6JK					
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA	Neg RSID - Saliva
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg RSID - Saliva
8JL4QR					
Item 3	Pos	Hemestix, HemaTrace	Neg	AP, PSA, Micro	NT
Item 4	Pos	Hemestix, HemaTrace	Pos	AP, PSA, Micro	NT
8KCCQU					
Item 3	Pos	TMB, HemDirect	Neg	ALS, AP	NT
Item 4	Pos	TMB, HemDirect	Pos	ALS, AP, Micro, PSA	NT
8NCMLU					
Item 3	Pos	TMB, HemDirect	Neg	ALS, AP	NT
Item 4	Pos	TMB, HemDirect	Pos	ALS, AP, PSA, Micro	NT
8NYC6V					
Item 3	Pos	PTMB, HemaTrace	Neg	AP	NT
Item 4	Pos	PTMB, HemaTrace	Pos	AP, Micro	NT
8REYN8					
Item 3	Pos	TMB, HemaTrace	Neg	AP, PSA, Microscopic	Neg RSID
Item 4	Pos	TMB, HemaTrace	Pos	AP, PSA, MicroSCOPIC	Neg RSID

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
8RF4AQ					
Item 3	Pos	TMB, Takayama, RSID-Blood	Neg	AP, Micro, PSA, ALS	NT
Item 4	Pos	TMB, Takayama, RSID-Blood	Pos	AP, Micro, PSA, ALS	NT
8RXAEH					
Item 3	Pos	LMG, HemaTrace	Neg	AP, Micro, PSA	Neg Amylase
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	Neg Amylase
8TRD6P					
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT
8UXMUU					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP	NT
8WDKMK					
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP, PSA, Micro	NT
Item 4	Pos	KM, HemaTrace	Pos	ALS, AP, PSA, Micro	NT
8X3QMM					
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT
8YX6EM					
Item 3	Pos	KM, HemaTrace	NT		NT
Item 4	Pos	KM, HemaTrace	NT		NT
8YYG3X					
Item 3	Pos	KM	Neg	AP, Micro	Neg Phadebas
Item 4	Pos	KM	Pos	AP, Micro	Neg Phadebas
8YZT2R					
Item 3	Pos	KM	Neg	AP, Micro, PSA	Neg Amylase Radial Diffusion
Item 4	Pos	KM	Pos	AP, Micro, PSA	Neg Amylase Radial Diffusion
92R7D2					
Item 3	Pos	HemaTrace, KM	Neg	PSA, Micro	Neg RSID Male DNA, Neg Y-screening
Item 4	Pos	HemaTrace, KM	Pos	PSA, Micro	Neg RSID Male DNA, Pos Y-screening
97EZUG					
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg Phadebas

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
98LYRP					
Item 3	Pos	TMB, HemDirect	Neg	ALS, AP	NT
Item 4	Pos	TMB, HemDirect	Pos	ALS, AP, Micro, PSA	NT
99XWH8					
Item 3	Pos	LMG, HemaTrace	Neg	AP, PSA, Micro, ALS	NT
Item 4	Pos	LMG, HemaTrace	Pos	AP, PSA, Micro, ALS	NT
9BNTX8					
Item 3	Pos	PTMB	Neg	AP	NT
Item 4	Pos	PTMB	Pos	AP, Micro	NT
9ELG73					
Item 3	Pos	LMG, HemaTrace	Neg	ALS, Micro, PSA	NT
Item 4	Pos	LMG, HemaTrace	Pos	ALS, Micro, PSA	NT
9EQCVK					
Item 3	Pos	KM	Neg	AP, ALS	NT
Item 4	Pos	KM	Pos	AP, PSA, Micro, ALS	Neg Amylase
					Human Blood, Pos RSID
					Human Blood, Pos RSID
9GBFTD					
Item 3	Pos	PTMB	Neg	AP	NT
Item 4	Pos	PTMB	Pos	AP, Micro	NT
9L4C3G					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro, PSA	NT
9MX2KC					
Item 3	Pos	KM	Neg	AP	Neg Phadebas
Item 4	Pos	KM	Pos	AP, Micro	Neg Phadebas
9RC9VC					
Item 3	Pos	KM	Neg	AP, Micro	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
9T474J					
Item 3	Pos	O-tol	Neg	AP	NT
Item 4	Pos	O-tol	Pos	AP	NT
9T6WHE					
Item 3	Pos	Hemastix	Neg	AP	NT
Item 4	Pos	Hemastix	Pos	AP, Micro	NT
9UXHVV					
Item 3	Pos	KM	Neg	PSA, Micro	NT
Item 4	Pos	KM	Pos	PSA, Micro	NT

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
9X47TF						
Item 3	Pos	KM, HemaTrace	Neg	p30, Micro	Neg	RSID
Item 4	Pos	KM, HemaTrace	Pos	p30, Micro	Neg	RSID
9ZFCTU						
Item 3	Pos	KM	Neg	AP		
Item 4	Pos	KM	Pos	AP		
A2QJPV						
Item 3	Pos	KM	Neg	ALS, AP, PSA, Micro	NT	
Item 4	Pos	KM	Pos	ALS, AP, PSA, Micro	NT	
A2T76N						
Item 3	Pos	KM, RSID	Neg	ALS	NT	
Item 4	Pos	KM, RSID	Pos	ALS, AP, Micro	NT	
A2V2LY						
Item 3	Pos	KM	Neg	ALS, AP	NT	
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT	
A3T3UC						
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA	Neg	RSID
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg	RSID
A4GXZR						
Item 3	Pos	TMB, HemDirect	Neg	ALS, AP, Micro, PSA	NT	
Item 4	Pos	TMB, HemDirect	Pos	ALS, AP, Micro, PSA	NT	
A4W2NR						
Item 3	Pos	LMG	Neg	AP, PSA	NT	
Item 4	Pos	LMG	Pos	AP, PSA	NT	
A69PEJ						
Item 3	Pos	KM	Neg	AP, Micro	NT	
Item 4	Pos	KM	Pos	AP, Micro	NT	
A8HMXR						
Item 3	Pos	KM; HemaTrace	Neg	AP	NT	
Item 4	Pos	KM; HemaTrace	Pos	AP; PSA; Micro		
A8XXLY						
Item 3	Pos	TMB, HemDirect	Neg	AP, Micro, PSA	NT	
Item 4	Pos	TMB, HemDirect	Pos	AP, Micro, PSA	NT	
ACCL9G						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Pos	AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
ACTBGF					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg RSID	
Item 4	Pos	KM, HemaTrace	Pos AP, Micro	Neg RSID	
ACYDGM					
Item 3	Pos	O-tol	Neg ALS, AP, PSA, Micro	Neg Amylase Diffusion Gel	
Item 4	Pos	O-tol	Pos ALS, AP, PSA, Micro	Neg Amylase Diffusion Gel	
AD8ZYF					
Item 3	Pos	KM	NT	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
AE3HJ9					
Item 3	Pos	LMG	Neg AP, Micro	NT	
Item 4	Pos	LMG	Pos AP, Micro	NT	
AEMWA8					
Item 3	Pos	LMG	Neg ALS, AP	NT	
Item 4	Pos	LMG	Pos ALS, AP, PSA, Micro	NT	
AKP27X					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Pos AP, Micro	Neg Phadebas	
AKUFGD					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP, Micro	NT	
ALKLTW					
Item 3	Pos	PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos	PTMB, HemaTrace	Pos AP, Micro	NT	
ANMLTU					
Item 3	Pos	PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos	PTMB, HemaTrace	Pos AP, Micro	NT	
AQEDRZ					
Item 3	Pos	KM, HemaTrace	Neg AP		
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro		
ATK2MB					
Item 3	Pos	KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
Item 4	Pos	KM, Combur (TMB)	Pos AP, PSA, Micro	Neg Phadebas	
AUE9PH					
Item 3	Pos	O-tol	Neg AP		
Item 4	Pos	O-tol	Pos AP		

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
AV7KA9					
Item 3	Pos	PTMB	Neg	AP	NT
Item 4	Pos	PTMB	Pos	AP, Micro	NT
AVABUQ					
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT
AVLNX9					
Item 3	Pos	O-tol, HT	Neg	AP, PSA	Neg RSID
Item 4	Pos	O-tol, Ht	Pos	AP, PSA	Neg RSID
AWGARZ					
Item 3	Pos	LMG, HemaTrace	Neg	ALS, Micro, PSA	NT
Item 4	Pos	LMG, HemaTrace	Pos	ALS, Micro, PSA	NT
AXBW7P					
Item 3	Pos	TMB, HemDirect	Neg	ALS, AP	NT
Item 4	Pos	TMB, HemDirect	Pos	ALS, AP, Micro, PSA	NT
AXT7W6					
Item 3	Pos	LMG, HemaTrace	Neg	ALS, AP, PSA, Micro	NT
Item 4	Pos	LMG, HemaTrace	Pos	ALS, AP, PSA, Micro	NT
B24P9H					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP	NT
B3XB4U					
Item 3	Pos	KM	Neg	AP, Micro, PSA	Neg Phadebas
Item 4	Pos	KM	Pos	AP, ALS, Micro, PSA	Neg Phadebas
B6UQM8					
Item 3	Pos	KM	Neg	AP	Neg phadebas
Item 4	Pos	KM	Pos	AP, Micro	Neg phadebas
B8FL3K					
Item 3	Pos	KM	Neg	AP, Micro	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
B96VWX					
Item 3	Pos	TMB	Neg	AP	NT
Item 4	Pos	TMB	Pos	AP	NT
BA994N					
Item 3	Pos	RSID, TMB, TAK	Neg	PSA, Micro	NT
Item 4	Pos	RSID, TMB, TAK	Pos	PSA, Micro	NT

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
BAJ8YX						
Item 3	Pos	KM, HemaTrace	Neg	AP	NT	
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT	
BBDTUA						
Item 3	Pos	KM, HemaTrace	Neg	AP	NT	
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro, PSA	Neg	RSID
BGHNLW						
Item 3	Pos	TMB, HemDirect	Neg	ALS, AP	NT	
Item 4	Pos	TMB, HemDirect	Pos	ALS, AP, Micro, PSA	NT	
BJEFXN						
Item 3	Pos	KM, HemaTrace	Neg	AP	NT	
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT	
BKJPNE						
Item 3	Pos	KM, LMG, RSID	Neg	AP, PSA, Micro, ALS	Neg	RSID, ALS
Item 4	Pos	KM, LMG, RSID	Pos	AP, PSA, Micro, ALS	Neg	RSID, ALS
BN3MC6						
Item 3	Pos	TMB, HemDirect	Neg	AP, Micro, PSA	NT	
Item 4	Pos	TMB, HemDirect	Pos	AP, Micro, PSA	NT	
BQNKF2						
Item 3	Pos	KM	Neg	AP, Micro		
Item 4	Pos	KM	Pos	AP, Micro		
BTFKNX						
Item 3	Pos	LMG, HemaTrace	Neg	ALS, AP, Micro, PSA	NT	
Item 4	Pos	LMG, HemaTrace	Pos	ALS, AP, Micro, PSA	NT	
BTHVG2						
Item 3	Pos	KM, Hb HemDirect	Neg	AP	NT	Y Screening, Neg Promega Casework Direct
Item 4	Pos	KM, Hb HemDirect	Pos	AP, Micro, PSA	NT	Y Screening
BURVJM						
Item 3	Pos	KM	Neg	AP, Micro	Neg	RSID
Item 4	Pos	KM	Pos	AP, Micro	Neg	RSID
BV66WU						
Item 3	Pos	PPTH, O-tol, color	Neg	AP, Micro	NT	
Item 4	Pos	PPTH, O-tol, color	Pos	AP, Micro	NT	
BWY6ND						
Item 3	Pos	Visual Exam, KM, HemaTrace	Neg	AP	Neg	RSID
Item 4	Pos	Visual Exam, KM, HemaTrace	Pos	AP, Micro	Neg	RSID

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
BWZTBH					
Item 3	Pos	KM, HT	Neg	ALS, AP	Neg Amy
Item 4	Pos	KM, HT	Pos	ALS, AP, Micro, PSA	Neg Amy
BXQA7C					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
BZCFNG					
Item 3	Pos	KM	Neg	AP, Micro for Sperm, PSA	NT
Item 4	Pos	KM	Pos	AP, Micro for Sperm, PSA	NT
C2LQW7					
Item 3	Pos	TMB, HemDirect	Neg	AP, Micro, PSA	NT
Item 4	Pos	TMB, HemDirect	Pos	AP, Micro, PSA	NT
C2MJVE					
Item 3	Pos	O-tol, HemaTrace	Neg	AP, PSA	
Item 4	Pos	O-tol, HemaTrace	Pos	AP, PSA	
C3HQBP					
Item 3	Pos	PTMB, HemaTrace	Neg	AP	NT
Item 4	Pos	PTMB, HemaTrace	Pos	AP, Micro	NT
C4VDT4					
Item 3	Pos	KM, ABACard HemaTrace	Neg	AP	Neg Phadebas Human origin, Pos PowerQuant
Item 4	Pos	KM, ABACard HemaTrace	Pos	AP, Micro, ABACard p30	Neg Phadebas Human origin, Pos PowerQuant
C7KLZK					
Item 3	Pos	Phenolphthalein	Neg	BCIP, ALS	NT
Item 4	Pos	Phenolphthalein	Pos	BCIP, ALS, Micro, p30	NT
CAJXVK					
Item 3	Pos	Phenolphthalein	Neg	BCIP	NT
Item 4	Pos	Phenolphthalein	Pos	BCIP, Micro	NT
CFL4BM					
Item 3	Pos	KM, HemaTrace	Neg	AP, p30	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, p30, Micro	NT
CHPBN3					
Item 3	Pos	KM	Neg	ALS	NT
Item 4	Pos	KM	Pos	ALS, Micro	NT
CHUP24					
Item 3	Pos	KM, HemaTrace	Neg	BCIP	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Pos	BCIP, Micro, PSA	Neg Phadebas

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
CHW4D9					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
CJ96GP					
Item 3	Pos	KM	Neg AP, ALS, Micro (Sperm)	Neg Amylase, Micro (NECs)	
Item 4	Pos	KM	Pos AP, ALS, Micro (Sperm)	Neg Amylase, Micro (NECs)	
CJYF2Q					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP	NT	
CLDNXX					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	NT	
CLUCUC					
Item 3	Pos	KM, HemaTrace	Neg AP	Neg RSID-Saliva	
Item 4	Pos	KM, HemaTrace	Pos AP, Micro	Neg RSID-Saliva	
CMA297					
Item 3	Pos	PTMB	Neg AP	NT	
Item 4	Pos	PTMB	Pos AP, Micro	NT	
CPBADF					
Item 3	Pos	Hemastix	Neg AP	NT	
Item 4	Pos	Hemastix	Pos AP, Micro	NT	
CRHM29					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg RSID	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg RSID	
CUTX3Y					
Item 3	Pos	KM, HemDirect	Neg AP	NT	Y-Screening, Neg Promega Casework Direct Kit, Custom
Item 4	Pos	KM, HemDirect	Pos AP, Micro, PSA	NT	Y-Screening, Pos Promega Casework Direct Kit, Custom
CVLVB7					
Item 3	Pos	LMG	Neg AP, Micro	NT	
Item 4	Pos	LMG	Pos AP, Micro	NT	
CWAWZA					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
CWECFV					
Item 3	Pos	KM; HemaTrace	Neg AP	NT	
Item 4	Pos	KM; HemaTrace	Pos AP; PSA; Micro	NT	
CX9XB8					
Item 3	Pos	KM	Neg Micro, PSA	NT	
Item 4	Pos	KM	Pos Micro	NT	
CYUV9C					
Item 3	Pos	LMG, HemaTrace	Neg AP, Micro, PSA	Neg Amylase	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	Neg Amylase	
D2HLXN					
Item 3	Pos	TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos	TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
D6J7ZT					
Item 3	Pos	KM	Neg AP	Neg Phadebas	
Item 4	Pos	KM	Pos AP, Micro	Neg Phadebas	
D6X8GU					
Item 3	Pos	LMG, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos	LMG, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
DDH6MV					
Item 3	Pos	TMB	Neg ALS, AP	NT	Species Origin, Pos HemaTrace
Item 4	Pos	TMB	Pos ALS, AP, Micro, PSA	NT	Species Origin, Pos HemaTrace
DE8GDN					
Item 3	Pos	KM	Neg AP, PSA, Micro (Sperm)	Neg Amylase RD, Micro (nuc. e-cells)	
Item 4	Pos	KM	Pos AP, PSA, Micro (Sperm)	Neg Amylase RD, Micro (nuc. e-cells)	
DFKFNH					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	
DFY3Y6					
Item 3	Pos	KM	Neg PSA, Microscopic	NT	
Item 4	Pos	KM	Pos PSA, Microscopic	NT	
DGRFKQ					
Item 3	Pos	KM	Neg Micro, AP, PSA	Neg Phadebas	ALS, Neg
Item 4	Pos	KM	Pos Micro, AP, PSA	Neg Phadebas	ALS, Neg

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
DHPMTA					
Item 3	Pos	LMG, HemaTrace	NT	NT	Seminal Fluid, Neg ALS, AP, PSA
Item 4	Pos	LMG, HemaTrace	Pos	ALS, AP, Micro	
DNATJP					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP	NT
DNRWZ3					
Item 3	Pos	TMB, HemDirect	Neg	AP, Micro, PSA	NT
Item 4	Pos	TMB, HemDirect	Pos	AP, Micro, PSA	NT
DNYW7X					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT
DR94FP					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP	NT
DTM6HW					
Item 3	Pos	PTMB, HemaTrace	Neg	AP	NT
Item 4	Pos	PTMB, HemaTrace	Pos	AP, Micro	NT
DUQK3A					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Pos	ALS, AP, Micro	
DVY8L4					
Item 3	Pos	KM	Neg	AP	
Item 4	Pos	KM	Pos	AP, Micro	Neg RSID
DYAB36					
Item 3	Pos	TMB, HemDirect	Neg	AP, Micro, PSA	NT
Item 4	Pos	TMB, HemDirect	Pos	AP, Micro, PSA	NT
DYTCP8					
Item 3	Pos	KM	Neg	ALS	NT
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT
DZNXHY					
Item 3	Pos	LMG, HemaTrace	Neg	ALS, AP, Micro, p30	NT
Item 4	Pos	LMG, HemaTrace	Pos	ALS, AP, Micro	NT
DZQ62Y					
Item 3	Pos	KM, HemaTrace	Neg	AP, ALS	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, RSID Semen, Micro, ALS	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
E2HFDD					
Item 3	Pos	LMG	Neg	AP	NT
Item 4	Pos	LMG	Pos	AP, Micro	NT
E2XTTA					
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT
E2YZZQ					
Item 3	Pos	TMB, HemDirect	Neg	ALS, AP	NT
Item 4	Pos	TMB, HemDirect	Pos	ALS, AP, Micro, PSA	NT
E3TNJM					
Item 3	Pos	TMB, HemDirect	Neg	ALS, AP	NT
Item 4	Pos	TMB, HemDirect	Pos	ALS, AP, Micro, PSA	NT
E42Z2N					
Item 3	Pos	TMB, HemDirect	Neg	ALS, AP	NT
Item 4	Pos	TMB, HemDirect	Pos	ALS, AP, Micro, PSA	NT
E4KX4M					
Item 3	Pos	LMG, HemaTrace	Neg	AP, PSA, Micro	Neg Alpha Amylase
Item 4	Pos	LMG, HemaTrace	Pos	AP, PSA, Micro	Neg Alpha Amylase
E4ZCDH					
Item 3	Pos	Hemastix, ABA HemaTrace Confirmatory	Neg	AP, PSA, Micro	Neg RSID-Saliva
Item 4	Pos	Hemastix, ABA HemaTrace Confirmatory	Pos	AP, PSA, Micro	Neg RSID-Saliva
E6ZMTZ					
Item 3	Pos	KM	Neg	AP, Micro	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
E8MPK2					
Item 3	Pos	TMB, HemDirect	Neg	AP, PSA, Micro	NT
Item 4	Pos	TMB, HemDirect	Pos	AP, PSA, Micro	NT
E9J7PB					
Item 3	Pos	KM, HemaTrace	Neg	AP	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg RSID
E74MF					
Item 3	Pos	TMB	Neg	AP, Micro, PSA	NT
Item 4	Pos	TMB	Pos	AP, Micro	NT
ECW33Y					
Item 3	Pos	KM TEST	Neg	AP TEST	NT
Item 4	Pos	KM TEST	Pos	AP TEST, MicroSCOPIC TEST	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
ECW6R4					
Item 3	Pos	KM, HemaTrace, Micro	Neg AP, Micro	Neg RID	
Item 4	Pos	KM, HemaTrace, Micro	Pos AP, Micro	Neg RID	
ECYTAH					
Item 3	Pos	HSTX	Neg PSA and Micro	NT	
Item 4	Pos	HSTX	Pos PSA and Micro	NT	
EDN2GX					
Item 3	Pos	TMB	Neg AP	NT	
Item 4	Pos	TMB	Pos AP	NT	
EFWEYY					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
EFYUJD					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
EGFG8E					
Item 3	Pos	Hemident, HemaTrace	Neg p30	NT	
Item 4	Pos	Hemident, HemaTrace	Pos p30	NT	
EJLWLX					
Item 3	Pos	KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
Item 4	Pos	KM, Combur (TMB)	Pos AP, PSA, Micro	Neg Phadebas	
EKU327					
Item 3	Pos	KM	Neg AP, PSA, Micro	NT	Human Blood, Pos RSID-Blood
Item 4	Pos	KM	Pos AP, PSA, Micro	NT	Human Blood, Pos RSID-Blood
EMH3ZW					
Item 3	Pos	LMG, HemaTrace	Neg ALS, Micro, PSA	NT	
Item 4	Pos	LMG, HemaTrace	Pos ALS, Micro	NT	
ENEYLQ					
Item 3	Pos	KM	Neg BCIP	NT	
Item 4	Pos	KM	Pos BCIP, p30, Micro	NT	
EP4XFA					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP	Neg ALS, Phadebas	
Item 4	Pos	KM, HemaTrace	Pos ALS, AP, Micro, PSA	Neg ALS, Phadebas	
EPHH4D					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
EQRCXT					
Item 3	Pos	Hemastix, HemaTrace	Neg	AP, Micro	NT
Item 4	Pos	Hemastix, HemaTrace	Pos	AP, Micro	NT
ERAAH6					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT
ERAU36					
Item 3	Pos	LMG	Neg	AP	NT
Item 4	Pos	LMG	Pos	AP, Micro	NT
EUK6BN					
Item 3	Pos	KM, HemaTrace	Neg	AP	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro, PSA	NT
EVQU6K					
Item 3	Pos	KM	Neg	AP, PSA, Micro	NT
Item 4	Pos	KM	Pos	AP, PSA, Micro	NT
EVTGQ6					
Item 3	Pos	PTMB	Neg	ALS, AP	
Item 4	Pos	PTMB	Pos	ALS, AP, Micro	
EV8WWM					
Item 3	Pos	KM, HemaTrace	Neg	AP	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT
F2BRA6					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT
F3TZNU					
Item 3	Pos	KM	Neg	AP, ALS	NT
Item 4	Pos	KM	Pos	AP, ALS, Micro	NT
F4EYP6					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
F748WL					
Item 3	Pos	KM	Neg	AP	
Item 4	Pos	KM	Pos	AP	
FC94H7					
Item 3	Pos	TMB	Neg	Micro	NT
Item 4	Pos	TMB	Pos	Micro	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
FD6FHF					
Item 3	Pos	TMB	Neg AP, Micro, PSA	NT	
Item 4	Pos	TMB	Pos AP, Micro	NT	
FE3G9B					
Item 3	Pos	LMG	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos	LMG	Pos ALS, AP, Micro, PSA	NT	
FEHRWH					
Item 3	Pos	PTMB	Neg ALS, AP	NT	
Item 4	Pos	PTMB	Pos ALS, AP, Micro	NT	
FEXGAP					
Item 3	Pos	Hemastix	Neg AP, PSA	Neg RSID	Human Blood, Pos HemaTrace
Item 4	Pos	Hemastix	Pos AP, PSA, Micro	Neg RSID	Human Blood, Pos HemaTrace
FGMPG6					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
FHFNPC					
Item 3	Pos	O-tol	Neg AP	NT	
Item 4	Pos	O-tol	Pos AP	NT	
FJFE48					
Item 3	Pos	Hemastix	Neg AP	NT	
Item 4	Pos	Hemastix	Pos AP, Micro	NT	
FKMLX6					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
FLNPZB					
Item 3	Pos	KM, HemaTrace	Neg AP, Micro, RSID Semen	Neg RSID Saliva	
Item 4	Pos	KM, HemaTrace	Pos AP, Micro	Neg RSID Saliva	
FLZL4U					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	NT	
FM78KF					
Item 3	Pos	O-tol, Hemdirect	Neg AP, PSA, Micro	Neg alpha-Amylase	Vomit, Urine, and Feces, Neg Peptest, DMAC, Creatinine, Urobilinogen
Item 4	Pos	O-tol, Hemdirect	Pos AP, PSA, Micro	Neg alpha-Amylase	Vomit, Urine, and Feces, Neg Peptest, DMAC, Creatinine, Urobilinogen

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
FMCXQJ					
Item 3	Pos	PTMB	Neg	ALS, AP	NT
Item 4	Pos	PTMB	Pos	ALS, AP, Micro	NT
FMDKDN					
Item 3	Pos	Phenolphthalein	Neg	BCIP	NT
Item 4	Pos	Phenolphthalein	Pos	BCIP, p30, Micro	NT
FMGM9H					
Item 3	Pos	Hemastix, HemaTrace	Neg	AP, PSA, Micro	Neg RSID Saliva
Item 4	Pos	Hemastix, HemaTrace	Pos	AP, PSA, Micro	Neg RSID Saliva
FPF8M2					
Item 3	Pos	TMB	Neg	AP	NT
Item 4	Pos	TMB	Pos	AP	NT
FRKHZ4					
Item 3	Pos	RSID-Blood	Neg	RSID - Semen	Neg RSID - Saliva
Item 4	Pos	RSID-Blood	Pos	RSID - Semen	Neg RSID - Saliva
FV4W46					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Pos	ALS, AP, PSA, Micro	NT
FWFH37					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro, PSA	NT
FY2BVZ					
Item 3	Pos	TMB, HemDirect	Neg	AP, Micro, PSA	NT
Item 4	Pos	TMB, HemDirect	Pos	AP, Micro, PSA	
G24KCW					
Item 3	Pos	KM, Takayama Micro	Neg	ALS, AP	NT
Item 4	Pos	KM, Takayama Micro	Pos	ALS, AP, Xmas Tree Micro	NT
G269Y2					
Item 3	Pos	KM, HemaTrace	Neg	PSA, Micro	Neg RSID
Item 4	Pos	KM, HemaTrace	Pos	PSA, Micro	Neg RSID
G32RV2					
Item 3	Pos	PTMB	Neg	AP, ALS	NT
Item 4	Pos	PTMB	Pos	AP, ALS, Micro	NT
G34H3J					
Item 3	Pos	KM, HemaTrace	Neg	AP	NT
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
G4HEH3					
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg Phadebas
G4J6R7					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT
G68QBG					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, PSA	NT
G6QMP3					
Item 3	Pos	KM, ABACard HemaTrace	Neg	AP	Neg Phadebas
Item 4	Pos	KM, ABACard HemaTrace	Pos	AP, PSA	Neg Phadebas
G79DYL					
Item 3	Pos	KM	NT		NT
Item 4	Pos	KM	NT		NT
G9AJDR					
Item 3	Pos	TMB, HemaTrace	Neg	AP	Neg RSID
Item 4	Pos	TMB, HemaTrace	Pos	AP, Micro	Neg RSID
GA2YPH					
Item 3	Pos	TMB, HemDirect	Neg	ALS, AP	NT
Item 4	Pos	TMB, HemDirect	Pos	ALS, AP, PSA, Micro	NT
GAZB2D					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, PSA, Micro	
GDK8NH					
Item 3	Pos	KM, RSID	Neg	AP	NT
Item 4	Pos	KM, RSID	Pos	AP, Micro	NT
GDKRJ4					
Item 3	Pos	KM, HemaTrace	Neg	AP	Neg Phadebas Press
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA	Neg Phadebas Press
GEJCFX					
Item 3	Pos	PTMB	Neg	AP, Micro	
Item 4	Pos	PTMB	Pos	AP, Micro	
GFNZFV					
Item 3	Pos	KM	Neg	ALS	NT
Item 4	Pos	KM	Pos	ALS, Micro	NT

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
GJCDER				
Item 3	Pos ALS, KM	Neg ALS, AP	NT	
Item 4	Pos ALS, KM	Pos ALS, AP, Micro	NT	
GMCAVQ				
Item 3	Pos KM	Neg AP, Micro	Neg Phadebas	
Item 4	Pos KM	Pos AP, Micro	Neg Phadebas	
GN6FG7				
Item 3	Pos KM	Neg AP, Micro	Neg RSID	
Item 4	Pos KM	Pos AP, Micro	Neg RSID	
GPWNF9				
Item 3	Pos KM	Neg PSA	Neg Amylase	
Item 4	Pos KM	Pos PSA	Neg Amylase	
GPXC4E				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
GRH8JR				
Item 3	Pos BLUESTAR, HEXAGON OBTI TEST	Neg AP	Neg PHADEBAS	
Item 4	Pos BLUESTAR, HEXAGON OBTI TEST	Pos AP, PSA, RSID	Neg PHADEBAS	
GRMMWT				
Item 3	Pos TMB, HemDirect	Neg AP, Micro, PSA	NT	
Item 4	Pos TMB, HemDirect	Pos AP, Micro, PSA	NT	
GRZJYC				
Item 3	Pos TMB	Neg AP, Micro, PSA	NT	
Item 4	Pos TMB	Pos AP, Micro	NT	
GTE8WB				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, PSA, Micro	NT	
GUDHH7				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
GVYPKA				
Item 3	Pos KM, LMG, RSID	Neg ALS, AP, Micro, PSA	Neg ALS, RSID	
Item 4	Pos KM, LMG, RSID	Pos ALS, AP, Micro, PSA	Neg ALS, RSID	
GXNYTP				
Item 3	Pos TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
GY2QK7					
Item 3	Pos	Hemastix	Neg	p30, Micro	NT
Item 4	Pos	Hemastix	Pos	p30, Micro	NT
H29PVK					
Item 3	Pos	Phenolphthalein	Neg	BCIP	Neg phadebas
Item 4	Pos	Phenolphthalein	Pos	BCIP, p30, Micro	Neg phadebas
H6PJKD					
Item 3	Pos	KM, HemaTrace	Neg	AP	Neg RSID
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro	Neg RSID
H7CGHH					
Item 3	Pos	TMB, HEM	Neg	ALS, AP	NT
Item 4	Pos	TMB, HEM	Pos	ALS, AP, Micro, PSA	NT
H876W7					
Item 3	Pos	KM	Neg	PSA	NT
Item 4	Pos	KM	Pos	PSA	NT
H92HM7					
Item 3	Pos	LMG, HemaTrace	Neg	AP, Micro, PSA	Neg Amylase
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	Neg Amylase
HA2G7E					
Item 3	Pos	KM	Neg	AP, Micro	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
HBAAVR					
Item 3	Pos	Phenolphthalein	Neg	ALS, BCIP	NT
Item 4	Pos	phenophthalein	Pos	ALS, BCIP, p30, Micro	NT
HBN3QN					
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP	NT
Item 4	Pos	KM, HemaTrace	Pos	ALS, AP	Neg Phadebas, ALS
HBUECY					
Item 3	Pos	TMB, HemDirect	Neg	AP, Micro, PSA	NT
Item 4	Pos	TMB, HemDirect	Pos	AP, Micro, PSA	NT
HC6WAG					
Item 3	Pos	PTMB, HemaTrace	Neg	AP	NT
Item 4	Pos	PTMB, HemaTrace	Pos	AP, Micro	NT
HEC7M8					
Item 3	Pos	KM	Neg	AP, Micro, PSA	NT
Item 4	Pos	KM	Pos	AP, Micro, PSA	NT

TABLE 1

Webcode	Fluid ID						
	Item	Blood	Semen	Saliva	Other		
HGECZM							
Item 3	Pos	HemaTrace, KM	Neg	PSA, Micro	Neg	RSID	Male DNA, Neg Y-Screening
Item 4	Pos	HemaTrace, KM	Pos	PSA, Micro	Neg	RSID	Male DNA, Pos Y-Screening
HGW23K							
Item 3	Pos	PTMB, HemaTrace	Neg	AP	NT		
Item 4	Pos	PTMB, HemaTrace	Pos	AP, Micro, PSA	NT		
HHTD3U							
Item 3	Pos	KM	Neg	AP, Micro			
Item 4	Pos	KM	Pos	AP, Micro			
HMPYX3							
Item 3	Pos	KM	Neg	ALS, AP	NT		
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT		
HND7RT							
Item 3	Pos	KM	Neg	ALS	NT		
Item 4	Pos	KM	Pos	ALS, Micro	NT		
HQ7XYX							
Item 3	Pos	PTMB	Neg	AP	NT		
Item 4	Pos	PTMB	Pos	AP, Micro	NT		
HVZX9M							
Item 3	Pos	Hemastix, HemaTrace, KM	Neg	AP, PSA, Micro	Neg	RSID	
Item 4	Pos	Hemastix, HemaTrace, KM	Pos	AP, PSA, Micro	Neg	RSID	
HXJ78M							
Item 3	Pos	KM	Neg	AP, Micro, p30	Neg	Phadebas	ALS, Neg ALS
Item 4	Pos	KM	Pos	AP, Micro	Neg	Phadebas	ALS, Pos ALS
HYGQEZ							
Item 3	Pos	KM, HemaTrace	Neg	AP, Micro, PSA	Neg	Phadebas	
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro, PSA	Neg	Phadebas	
J2NAYU							
Item 3	Pos	KM	Neg	ALS, AP	NT		
Item 4	Pos	KM	Pos	ALS, AP	NT		
J88A28							
Item 3	Pos	KM	Neg	AP, Micro	NT		
Item 4	Pos	KM	Pos	AP, PSA, Micro	NT		

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
J8TJEH				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
J9Z2BT				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Radial Diffusion	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Radial Diffusion	
JAEV4T				
Item 3	Pos PTMB, HemaTrace	Neg AP, Micro	NT	
Item 4	Pos PTMB, HemaTrace	Pos AP, Micro	NT	
JAHD7X				
Item 3	Pos KM, HemaTrace	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, Micro, PSA	Neg Phadebas	
JAYYU2				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Pos AP, Micro	NT	
JB9U6C				
Item 3	Pos KM	Neg ALS, AP, Micro	Neg RSID	
Item 4	Pos KM	Pos ALS, AP, Micro	Neg RSID	
JBUM76				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
JCWRBC				
Item 3	Pos Hemastix	Neg PSA, Micro	NT	
Item 4	Pos Hemastix	Pos PSA, Micro	NT	
JEBE9C				
Item 3	Pos KM, HemaTrace	NT	NT	
Item 4	Pos KM, HemaTrace	NT	NT	
JHL9M3				
Item 3	Pos LMG, HemaTrace	Neg ALS, Micro, p30	NT	
Item 4	Pos LMG, HemaTrace	Pos ALS, Micro, p30		
JHMMAG				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, PSA	NT	
JJZKL8				
Item 3	Pos Bluestar Obti test	Neg PSA-Check-1 test	Neg RSID-Saliva	
Item 4	Pos Bluestar Obti test	Pos PSA-Check-1 test	Neg RSID-Saliva	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
JLLKH3						
Item 3	Pos	LMG, HemaTrace	Neg	ALS, Micro, p30	NT	
Item 4	Pos	LMG, HemaTrace	Pos	ALS, Micro, p30	NT	
JN3V2M						
Item 3	Pos	KM	Neg	BCIP	NT	
Item 4	Pos	KM	Pos	BCIP, p30, Micro	NT	
JPBZGW						
Item 3	Pos	TMB, HemaTrace	Neg	AP, PSA	Neg	RSID Saliva
Item 4	Pos	TMB, HemaTrace	Pos	AP, PSA, Micro	Neg	RSID Saliva
JQMC78						
Item 3	Pos	KM, HemaTrace	Neg	AP	NT	
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro, PSA	NT	
JRUQE9						
Item 3	Pos	KM	NT	NT	Screen for Male DNA, Neg Zygem	
Item 4	Pos	KM	NT	NT	Screen for Male DNA, Pos Zygem	
JRZANC						
Item 3	Pos	TMB, HemaTrace	Neg	AP, Micro, PSA	Neg	Amylase Diffusion
Item 4	Pos	TMB, HemaTrace	Pos	AP, Micro, PSA	Neg	Amylase Diffusion
JTLUX9						
Item 3	Pos	KM	Neg	ALS, AP, Micro	NT	
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT	
JTNHJT						
Item 3	Pos	PTMB	Neg	AP	NT	
Item 4	Pos	PTMB	Pos	AP, Micro	NT	
JTQ6XL						
Item 3	Pos	KM	Neg	ALS, AP	NT	Human ORIGIN, Pos HemaTrace
Item 4	Pos	KM	Pos	ALS, AP, PSA, Micro	NT	Human ORIGIN, Pos HemaTrace
JY3EK3						
Item 3	Pos	LMG	Neg	ALS, AP	NT	
Item 4	Pos	LMG	Pos	ALS, AP, Micro, PSA	NT	
JYRDAF						
Item 3	Pos	TMB, HemDirect	Neg	ALS, AP	NT	
Item 4	Pos	TMB, HemDirect	Pos	ALS, AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
JYUN64					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	
JYZPEJ					
Item 3	Pos	KM	Neg AP, Micro, PSA	NT	
Item 4	Pos	KM	Pos AP, Micro, PSA	NT	
K42V62					
Item 3	Pos	KM	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos	KM	Pos ALS, AP, Micro, PSA	NT	
K8QUH6					
Item 3	Pos	KM	Neg ALS, BCIP, Micro	NT	Amylase, Neg Amylase Diffusion
Item 4	Pos	KM	Pos ALS, BCIP, Micro	NT	Amylase, Neg Amylase Diffusion
K9F3QK					
Item 3	Pos	Phenolphthalein	Neg ALS, AP	NT	
Item 4	Pos	Phenolphthalein	Pos ALS, AP, PSA, Micro	Neg Phadebas	
K9GVNT					
Item 3	Pos	TMB	Neg AP	NT	
Item 4	Pos	TMB	Pos AP, Micro	NT	
KE96XQ					
Item 3	Pos	KM, Combur (TMB)	Neg AP, PSA	Neg Phadebas	
Item 4	Pos	KM, Combur (TMB)	Pos AP, PSA, Microscopy for Sperm	Neg Phadebas	
KFEURM					
Item 3	Pos	PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos	PTMB, HemaTrace	Pos AP, Micro	NT	
KJVLWH					
Item 3	Pos	KM, HemaTrace	Neg AP	NT	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	NT	
KMZKKA					
Item 3	Pos	TMB, HemaTrace	Neg AP, Micro, PSA	Neg Amylase Diffusion	
Item 4	Pos	TMB, HemaTrace	Pos AP, Micro, PSA	Neg Amylase Diffusion	
KQD694					
Item 3	Pos	KM, HemaTrace	Neg ALS, AP, Micro, PSA	Neg ALS, RSID - Saliva	
Item 4	Pos	KM, HemaTrace	Pos ALS, AP, Micro	Neg ALS, RSID - Saliva	
KQTFWB					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, PSA	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
KR4D88					
Item 3	Pos	KM	Neg	AP, Micro	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
KUUCNQ					
Item 3	Pos	TMB, Hemdirect	Neg	AP, Micro, PSA	NT
Item 4	Pos	TMB, Hemdirect	Pos	AP, Micro, PSA	NT
KVCY6Q					
Item 3	Pos	TMB	Neg	AP	NT
Item 4	Pos	TMB	Pos	AP, Micro	NT
KW4EH3					
Item 3	Pos	HS	Neg	AP	NT
Item 4	Pos	HS	Pos	AP, Micro	NT
KX29C8					
Item 3	Pos	KM, HT	Neg	ALS, AP, Micro, PSA	Neg Amylase Diffusion
Item 4	Pos	KM, HT	Pos	ALS, AP, Micro, PSA	Neg Amylase Diffusion
KXBLV4					
Item 3	Pos	KM, HemaTrace	Neg	ALS, BCIP	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Pos	ALS, BCIP, p30, Micro	Neg Phadebas
KXJ28P					
Item 3	Pos	PTMB, HemaTrace	Neg	AP	NT
Item 4	Pos	PTMB, HemaTrace	Pos	AP, Micro	NT
KZHYGB					
Item 3	Pos	TMB	Neg	AP, PSA, Micro	NT
Item 4	Pos	TMB	Pos	AP, PSA, Micro	NT
L3NBXH					
Item 3	Pos	ppth, O-tol, red-brown	Neg	AP, Micro	NT
Item 4	Pos	ppth, O-tol, red-brown	Pos	AP, Micro	NT
L3NWB4					
Item 3	Pos	KM	Neg	AP, Micro	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
L3QJU4					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
L4CGR9					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro	NT

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
L6WWNX				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
L9UELQ				
Item 3	Pos HemaTrace, KM	Neg PSA, Micro	Neg RSID	Male DNA, Neg Y-Screening
Item 4	Pos HemaTrace, KM	Pos PSA, Micro	Neg RSID	Male DNA, Pos Y-Screening
L9ULWH				
Item 3	Pos KM, ALS	Neg AP, ALS	NT	
Item 4	Pos KM, ALS	Pos AP, ALS	NT	
LA672L				
Item 3	Pos KM	Neg ALS, AP	NT	
Item 4	Pos KM	Pos ALS, AP, Micro	NT	
LD3EW2				
Item 3	Pos LMG, HemaTrace	Neg AP	NT	
Item 4	Pos LMG, HemaTrace	Pos AP, Micro, PSA	NT	
LD89P3				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
LDAE6H				
Item 3	Pos KM	Neg AP, Micro, PSA	Neg Phadebas	
Item 4	Pos KM	Pos AP, Micro, PSA	Neg Phadebas	
LDQ2GY				
Item 3	Pos KM, HemaTrace	Neg	NT	
Item 4	Pos KM, HemaTrace	Pos AP, Micro, p30	NT	
LE2UKE				
Item 3	Pos Hemastix	Neg AP	NT	
Item 4	Pos Hemastix	Pos AP, Micro	NT	
LEY6CB				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
LFQEWC				
Item 3	Pos KM, ABACard HemaTrace	Neg AP	Neg Phadebas Press	
Item 4	Pos KM, ABACard HemaTrace	Pos AP, PSA	Neg Phadebas Press	
LMHWWN				
Item 3	Pos TMB, HemaTrace	Neg AP	Neg RSID Saliva	
Item 4	Pos TMB, HemaTrace	Pos AP, Micro	Neg RSID Saliva	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
LN2UMK					
Item 3	Pos	TMB, HemDirect	Neg	ALS, AP	NT
Item 4	Pos	TMB, HemDirect	Pos	ALS, AP, Micro, PSA	NT
LNQYRY					
Item 3	Pos	KM	Neg	ALS, AP, Micro	NT
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT
LRH238					
Item 3	Pos	KM	NT	NT	Screen for male DNA, Neg Zygem
Item 4	Pos	KM	NT	NT	Screen for male DNA, Pos Zygem
LT2VWU					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT
LTLXY3					
Item 3	Pos	KM	Neg	BCIP	NT
Item 4	Pos	KM	Pos	BCIP, Micro, PSA	NT
LVB88J					
Item 3	Pos	KM	Neg	ALS, BCIP	NT
Item 4	Pos	KM	Pos	ALS, BCIP, PSA, Micro	NT
LVLU3X					
Item 3	Pos	KM	Neg	AP and Micro	NT
Item 4	Pos	KM	Pos	AP and Micro	NT
LY94HQ					
Item 3	Pos	LMG, HemaTrace	Neg	ALS, AP, Micro, PSA	NT
Item 4	Pos	LMG, HemaTrace	Pos	ALS, AP, Micro, PSA	NT
LZ8QB3					
Item 3	Pos	KM	Neg	BCIP, Micro	NT
Item 4	Pos	KM	Pos	BCIP, Micro	NT
M37ZMB					
Item 3	Pos	hemastix, HemaTrace	Neg	AP, Micro, PSA	Neg RSID
Item 4	Pos	hemastix, HemaTrace	Pos	AP, Micro, PSA	Neg RSID
M4HBN2					
Item 3	Pos	KM, HemaTrace	Neg	AP	Neg RSID-Saliva
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro	Neg RSID-Saliva
MBRFYR					
Item 3	Pos	KM	NT	NT	Seminal Fluid, Neg AP
Item 4	Pos	KM	Pos	AP, Micro	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
MC9FBV					
Item 3	Pos	PTMB	Neg	AP	
Item 4	Pos	PTMB	Pos	AP, Micro	
MEBB3K					
Item 3	Pos	KM	Neg	AP, Micro, PSA/p30	Neg Phadebas Alternate Light Source, Neg Crime Lite
Item 4	Pos	KM	Pos	AP, Micro	Neg Phadebas Alternate Light Source, Pos Crime Lite
MHBJ7V					
Item 3	Pos	KM	NT	NT	seminal fluid, Neg ALS, AP
Item 4	Pos	KM	Pos	AP, Micro	NT seminal fluid, Neg ALS
MK2T9A					
Item 3	Pos	Hemastix / HemaTrace	Neg	AP	NT
Item 4	Pos	Hemastix / HemaTrace	Pos	AP / p30 / Micro	NT
MKZWND					
Item 3	Pos	LMG; HemaTrace	Neg	AP; PSA; Micro	Neg Amylase Radial Diffusion
Item 4	Pos	LMG; HemaTrace	Pos	AP; PSA; Micro	Neg Amylase Radial Diffusion
MN27RR					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT
MQC8AY					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT
MUCVUA					
Item 3	Pos	Hemastix, HemaTrace	Neg	AP, Micro	Neg RSID
Item 4	Pos	Hemastix, HemaTrace	Pos	AP, Micro	Neg RSID
MXTDT7					
Item 3	Pos	KM, HemaTrace	Neg	AP	Neg RSID
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro	Neg RSID
MZE99J					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
N2MPY3					
Item 3	Pos	KM	Neg	AP, Micro	NT
Item 4	Pos	KM	Pos	AP, Micro	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
N3C2RG					
Item 3	Pos	HemaTrace	Neg	p30	NT
Item 4	Pos	HemaTrace	Pos	p30, Micro	NT
N3JJVR					
Item 3	Pos	LMG	Neg	ALS, AP	NT
Item 4	Pos	LMG, HemaTrace	Pos	ALS, AP, PSA, Micro	NT
N4DPFL					
Item 3	Pos	TMB	Neg	ALS, AP	NT
Item 4	Pos	TMB	Pos	ALS, AP	NT
N4M3DF					
Item 3	Pos	KM	Neg	AP	NT
Item 4	Pos	KM	Pos	AP	NT
N4UJWT					
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg Phadebas
N4VMZY					
Item 3	Pos	KM, HemaTrace	Neg	AP	Neg RSID
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro	Neg RSID
N64WEP					
Item 3	Pos	KM	Neg	ALS	NT
Item 4	Pos	KM	Pos	ALS, Micro	NT
N6NK87					
Item 3	Pos	Hemastix	Neg	AP	NT
Item 4	Pos	Hemastix	Pos	AP, Micro	NT
N7M9JU					
Item 3	Pos	KM, ABACard HemaTrace	Neg	AP	Neg Phadebas press
Item 4	Pos	KM, ABACard HemaTrace	Pos	AP, PSA	Neg Phadebas press
N9CGQB					
Item 3	Pos	Hemastix (TMB), ABA HemaTrace	Neg	AP, ALS	NT
Item 4	Pos	Hemastix (TMB), ABA HemaTrace	Pos	AP, ALS, ABA p30 (PSA), Micro	Neg RSID Saliva
NAFEVC					
Item 3	Pos	PTMB, HemaTrace	Neg	ALS, AP	NT
Item 4	Pos	PTMB, HemaTrace	Pos	ALS, AP, Micro	NT
NALQGM					
Item 3	Pos	KM	Neg	BCIP	Neg Phadebas
Item 4	Pos	KM	Pos	BCIP, Micro, PSA	Neg Phadebas

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
NDW9Q7					
Item 3	Pos	KM	NT	NT	Screen for male DNA, Neg Zygem
Item 4	Pos	KM	NT	NT	Screen for male DNA, Pos Zygem
NF84JP					
Item 3	Pos	LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos	LMG	Pos AP, PSA	Neg RSID-Saliva	
NF9G2W					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
NFMZNE					
Item 3	Pos	Phenolphthalein	Neg BCIP	NT	
Item 4	Pos	Phenolphthalein	Pos BCIP, p30, Micro	NT	
NFN7E6					
Item 3	Pos	KM HemaTrace	Neg AP	Neg RSID	
Item 4	Pos	KM HemaTrace	Pos AP Micro	Neg RSID	
NHA2UH					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
NKKY8Y					
Item 3	Pos	Hemastix	Neg AP	NT	
Item 4	Pos	Hemastix	Pos AP, Micro	NT	
NL3GPH					
Item 3	Pos	KM	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos	KM	Pos ALS, AP, PSA, Micro	NT	
NMNUMV					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
NPAGG4					
Item 3	Pos	KM	Neg AP, Micro for Sperm		
Item 4	Pos	KM	Pos AP, Micro for Sperm		
NPC4YH					
Item 3	Pos	Hemastix, HemaTrace	Neg AP, PSA, Micro	NT	
Item 4	Pos	Hemastix, HemaTrace	Pos AP, PSA, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
NRVCXH					
Item 3	Pos	KM	Neg AP, Micro, PSA	Neg Phadebas	ALS, Neg ALS
Item 4	Pos	KM	Pos AP, Micro, PSA	Neg Phadebas	ALS, Pos ALS
NTE62Z					
Item 3	Pos	Hemastix	Neg AP	NT	
Item 4	Pos	Hemastix	Pos AP, Micro	NT	
NWU697					
Item 3	Pos	Hemident, HemaTrace	Neg ABACard p30	NT	
Item 4	Pos	Hemident, HemaTrace	Pos ABACard p30	NT	
NXP72					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
NZER4E					
Item 3	Pos	PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos	PTMB, HemaTrace	Pos AP, Micro	NT	
NZQC84					
Item 3	Pos	KM	NT	NT	Screen for Male DNA, Neg Zygem Y Screen
Item 4	Pos	KM	NT	NT	Screen for Male DNA, Pos Zygem Y Screen
NZURQV					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP, Micro	NT	
P2KB8M					
Item 3	Pos	LMG	Neg AP	Neg RSID-Saliva	
Item 4	Pos	LMG	Pos AP, PSA	Neg RSID-Saliva	
P2XU7Y					
Item 3	Pos	KM, HemaTrace	Neg BCIP	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Pos BCIP, PSA, Micro	Neg Phadebas	
P6L87V					
Item 3	Pos	PTMB	Neg ALS, AP	NT	
Item 4	Pos	PTMB	Pos ALS, AP, Micro	NT	
PB6V3J					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
PC44YP					
Item 3	Pos	Hemastix, RSID Blood	Neg AP	NT	
Item 4	Pos	Hemastix, RSID Blood	Pos AP, Slide (xmas tree stain)	NT	
PCGDHJ					
Item 3	Pos	LMG	Neg Micro, PSA	NT	
Item 4	Pos	LMG	Pos Micro, PSA	NT	
PCNGB3					
Item 3	Pos	KM, HT	Neg AP, p30	Neg Saliva RSID	
Item 4	Pos	KM, HT	Pos AP, p30, Micro	Neg Saliva RSID	
PE9DQF					
Item 3	Pos	KM	Neg AP	NT	
Item 4	Pos	KM	Pos AP, Micro		
PGH28C					
Item 3	Pos	KM, RSID-Blood	Neg AP, Micro, PSA	Neg Phadebus	
Item 4	Pos	KM, OT, HemaTrace	Pos AP, Micro	Neg Phadebus	
PGUK6M					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP	NT	
PHXZQ2					
Item 3	Pos	KM	Neg AP, Micro, ABACard p30	Neg Amylase Radial Diffusion	
Item 4	Pos	KM	Pos AP, Micro	Neg Amylase Radial Diffusion	
PJLJL					
Item 3	Pos	PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos	PTMB, HemaTrace	Pos AP, Micro	NT	
PK9WN6					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
PMMHZ7					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Pos ALS, AP, PSA, Micro	NT	
PRA3HL					
Item 3	Pos	KM	Neg ALS	NT	
Item 4	Pos	KM	Pos ALS, Micro	NT	
PW8MDH					
Item 3	Pos	KM	Neg ALS, AP	NT	
Item 4	Pos	KM	Pos ALS, AP, Micro	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
PYDZAY						
Item 3	Pos	LMG, HemaTrace	Neg	AP, Micro, PSA	Neg	Amylase
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	Neg	Amylase
PZPK9Z						
Item 3	Pos	hemastix	Neg	AP	NT	
Item 4	Pos	hemastix	Pos	AP, Micro	NT	
Q227RF						
Item 3	Pos	TMB, HemaTrace	Neg	AP	NT	
Item 4	Pos	TMB, HemaTrace	Pos	AP, p30, Micro	Neg	RSID
Q2JCQ6						
Item 3	Pos	KM	Neg	ALS, AP, Micro	Neg	RSID
Item 4	Pos	KM	Pos	ALS, AP, Micro	Neg	RSID
Q2TW99						
Item 3	Pos	TMB, KM	Neg	AP, PSA, Micro	Neg	RSID
Item 4	Pos	TMB, KM	Pos	AP, PSA, Micro	Neg	RSID
Q2XP73						
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT	
Q3TVHA						
Item 3	Pos	TMB, Takayama/Micro, RSID-Blood	Neg	ALS, AP, PSA, Xmas/Micro	NT	
Item 4	Pos	TMB, Takayama/Micro, RSID-Blood	Pos	ALS, AP, PSA, Xmas/Micro	NT	
Q3U4W2						
Item 3	Pos	Hemident, HemaTrace	Neg	ABAcad p30	NT	
Item 4	Pos	Hemident, HemaTrace	Pos	ABAcad p30	NT	
Q4PNKZ						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Pos	AP, PSA, Micro	NT	
Q7RBVX						
Item 3	Pos	KM	Neg	PSA	NT	
Item 4	Pos	KM	Pos	PSA	NT	
Q82E82						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Pos	AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
QAB48Q					
Item 3	Pos	KM	Neg AP	NT	Human, Pos PowerQuant
Item 4	Pos	KM	Pos AP, Micro, psa	Neg rsid	Human, Pos PowerQuant
QB234G					
Item 3	Pos	PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos	PTMB, HemaTrace	Pos AP, Micro	NT	
QBXYD7					
Item 3	Pos	LMG and HemaTrace	Neg AP, Micro, and PSA	Neg Amylase	
Item 4	Pos	LMG and HemaTrace	Pos AP, Micro, and PSA	Neg Amylase	
QDPXUP					
Item 3	Pos	TMB, HemDirect	Neg AP, Micro, PSA	NT	
Item 4	Pos	TMB, HemDirect	Pos AP, Micro, PSA	NT	
QFUL9F					
Item 3	Pos	TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos	TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
QG CX77					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	
QKMMBU					
Item 3	Pos	O-tol	Neg AP, ALS	NT	
Item 4	Pos	O-tol	Pos AP, ALS, Micro	Neg Micro	
QL282J					
Item 3	Pos	LMG, ABACard HemaTrace	Neg ALS, AP, Micro, PSA	NT	
Item 4	Pos	LMG, ABACard HemaTrace	Pos ALS, AP, Micro, PSA	NT	
QLPWHY					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
QMELQD					
Item 3	Pos	TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos	TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
QMWF9					
Item 3	Pos	TMB, Hem Direct	Neg ALS, AP	NT	
Item 4	Pos	TMB, Hem Direct	Pos ALS, AP, Micro, PSA	NT	
QNBHD8					
Item 3	Pos	PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos	PTMB, HemaTrace	Pos AP, Micro	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
QPJEG7					
Item 3	Pos	TMB	Neg	AP, Micro, PSA	NT
Item 4	Pos	TMB	Pos	AP, Micro, PSA	NT
QPYKUA					
Item 3	Pos	LMG, HemaTrace	Neg	AP, PSA, Micro, ALS	Neg Amylase
Item 4	Pos	LMG, HemaTrace	Pos	AP, PSA, Micro, ALS	Neg Amylase
QRB7VW					
Item 3	Pos	Hemastix	Neg	PSA, Micro, ALS	NT
Item 4	Pos	Hemastix	Pos	PSA, Micro, ALS	NT
QRDE33					
Item 3	Pos	KM, HemaTrace	Neg	AP, Micro, PSA, ALS	Neg Amylase Diffusion, ALS
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro, PSA, ALS	Neg Amylase Diffusion, ALS
QT8U2Y					
Item 3	Pos	KM, HemaTrace	Neg	p30	Neg RSID
Item 4	Pos	KM, HemaTrace	Pos	p30, Microscopic	Neg RSID
QUH43P					
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg Phadebas
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg Phadebas
QUYRA7					
Item 3	Pos	HS, HT	Neg	AP, Micro	NT
Item 4	Pos	HS, HT	Pos	AP, Micro	NT
QVW4AF					
Item 3	Pos	PTMB	Neg	ALS, AP	NT
Item 4	Pos	PTMB	Pos	ALS, AP, Micro	NT
QWN2GL					
Item 3	Pos	KM	Neg	AP, Micro	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
QYQ2GJ					
Item 3	Pos	KM	Neg	AP, ALS	NT
Item 4	Pos	KM	Pos	AP, ALS, Micro	NT
R3AWW2					
Item 3	Pos	KM	Neg	AP, ALS	NT
Item 4	Pos	KM	Pos	AP, ALS, PSA, Micro	NT
R4MFVD					
Item 3	Pos	PTMB, HemaTrace	Neg	AP	NT
Item 4	Pos	PTMB, HemaTrace	Pos	AP, Micro	NT

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
R4Y9PF					
	Item 3	Pos KM, HemaTrace	Neg ALS, AP, Micro, PSA	NT	
	Item 4	Pos KM, HemaTrace	Pos ALS, AP, Micro, PSA	NT	
R829PC					
	Item 3	Pos Phenolphthalein	Neg BCIP	NT	
	Item 4	Pos Phenolphthalein	Pos BCIP, p30, Microscopic	NT	
RC6M6G					
	Item 3	Pos LMG, HemaTrace	Neg AP, PSA, Micro	NT	
	Item 4	Pos LMG, HemaTrace	Pos AP, PSA, Micro	NT	
RCUDGV					
	Item 3	Pos KM, HemaTrace	NT	NT	
	Item 4	Pos KM, HemaTrace	NT	NT	
RD2WH8					
	Item 3	Pos KM, ABA HemaTrace	Neg AP	Neg Phadebas press	
	Item 4	Pos KM, ABA HemaTrace	Pos AP, PSA	Neg Phadebas press	
RFFWKE					
	Item 3	Pos PTMB, HemaTrace	Neg AP	NT	
	Item 4	Pos PTMB, HemaTrace	Pos AP, Micro, PSA	NT	
RL2HGL					
	Item 3	Pos PTMB	Neg AP	NT	
	Item 4	Pos PTMB	Pos AP, Micro	NT	
RLF7C7					
	Item 3	Pos KM	Neg AP, mirco	NT	
	Item 4	Pos KM	Pos AP, Micro	NT	
RM74X8					
	Item 3	Pos KM, TMB	Neg AP, PSA, Micro	Neg RSID	
	Item 4	Pos KM, TMB	Pos AP, PSA, Micro	Neg RSID	
RMQVY6					
	Item 3	Pos KM	Neg AP, Micro	NT	
	Item 4	Pos KM	Pos AP, Micro	NT	
RNN48N					
	Item 3	Pos KM	Neg AP, ALS	NT	
	Item 4	Pos KM	Pos AP, ALS, Micro	NT	
RPBREH					
	Item 3	Pos HemaTrace, KM	Neg Micro, PSA	Neg RSID	Male DNA, Neg Y-screening
	Item 4	Pos HemaTrace, KM	Pos Micro, PSA	Neg RSID	Male DNA, Pos Y-screening

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
RT2Q2T					
Item 3	Pos	KM	Neg	ALS	NT
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT
RY4Z7Z					
Item 3	Pos	KM	Neg	AP, Micro	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
RZZWRU					
Item 3	Pos	KM, HemaTrace	NT		NT
Item 4	Pos	KM, HemaTrace	NT		NT
T2P72G					
Item 3	Pos	TMB, HemDirect	Neg	AP, Micro	NT
Item 4	Pos	TMB, HemDirect	Pos	AP, Micro, PSA	NT
T38GBN					
Item 3	Pos	LMG	Neg	ALS, AP, PSA, Micro	NT
Item 4	Pos	LMG	Pos	ALS, AP, Micro	NT
T6AD2H					
Item 3	Pos	KM, HB	Neg	AP	NT
Item 4	Pos	KM, HB	Pos	AP, Micro, PSA	NT
T6QZ6D					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT
T74RZF					
Item 3	Pos	KM, HemaTrace	Neg	AP	
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	
T7JYDK					
Item 3	Pos	LMG	Neg	AP	Neg RSID-Saliva
Item 4	Pos	LMG	Pos	AP, PSA	Neg RSID-Saliva
T7QYL2					
Item 3	Pos	KM, HT	Neg	AP	Neg RSID
Item 4	Pos	KM, HT	Pos	AP, Micro	NT
T8CWJ7					
Item 3	Pos	TMB, HemDirect	Neg	ALS, AP	NT
Item 4	Pos	TMB, HemDirect	Pos	ALS, AP, Micro, PSA	NT
TD2AME					
Item 3	Pos	TMB, HemDirect	Neg	ALS, AP	NT
Item 4	Pos	TMB, HemDirect	Pos	ALS, AP, Micro, PSA	NT

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
TFRWEM						
Item 3	Pos	LMG	Neg	ALS, AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos	ALS, AP, PSA, Micro	NT	
THYBLU						
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT	
TMP6JA						
Item 3	Pos	TMB	Neg	AP, Micro, PSA	NT	
Item 4	Pos	TMB	Pos	AP, Micro, PSA	NT	
TMWNWX						
Item 3	Pos	KM	Neg	AP, PSA, Micro	Neg Radial Diffusion	
Item 4	Pos	KM	Pos	AP, PSA, Micro	Neg Radial Diffusion	
TNKUYN						
Item 3	Pos	KM	Neg	ALS, AP	NT	Human, Pos PowerQuant
Item 4	Pos	KM	Pos	ALS, AP, Micro, PSA	Neg RSID	Human, Pos PowerQuant
TRHDWG						
Item 3	Pos	KM, HemaTrace	Neg	AP	NT	
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	NT	
TRWZY4						
Item 3	Pos	Hemastix, ABA HemaTrace Confirmatory	Neg	AP, PSA, Micro	Neg RSID-Saliva	
Item 4	Pos	Hemastix, ABA HemaTrace Confirmatory	Pos	AP, PSA, Micro	Neg RSID-Saliva	
TTDZ9K						
Item 3	Pos	KM; HemaTrace	Neg	AP	Neg Radial Diffusion	
Item 4	Pos	KM; HemaTrace	Pos	AP, PSA, Microscopic	Neg Radial Diffusion	
TTU28F						
Item 3	Pos	TMB, HemDirect	Neg	Micro, PSA, AP		
Item 4	Pos	TMB, HemDirect	Pos	Micro, PSA, AP		
TU7PML						
Item 3	Pos	KM	Neg	ALS	NT	
Item 4	Pos	KM	Pos	ALS, Micro	NT	
TUNPQB						
Item 3	Pos	TMB, HemDirect	Neg	ALS, AP		
Item 4	Pos	TMB, HemDirect	Pos	ALS, AP, Micro, PSA		

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
TWEYRP					
Item 3	Pos	KM	Neg AP, Micro, PSA	Neg RSID	Human, Pos PowerQuant
Item 4	Pos	KM	Pos AP, Micro	Neg RSID	Human, Pos PowerQuant
TWXD88					
Item 3	Pos	PTH	Neg ALS, BCIP	NT	
Item 4	Pos	PTH	Pos ALS, BCIP, PSA, Micro	NT	
TXN8HC					
Item 3	Pos	ABAcad HemaTrace	Neg ABAcadp30, Micro, ALS	NT	
Item 4	Pos	ABAcad HemaTrace	Pos ABAcadp30, Micro, ALS		
TYK9WF					
Item 3	Pos	LMG, HemaTrace	Neg ALS, Micro, PSA	NT	
Item 4	Pos	LMG, HemaTrace	Pos ALS, Micro, PSA	NT	
TZFWB6					
Item 3	Pos	TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos	TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
U3KXWN					
Item 3	Pos	PTMB	Neg AP	NT	
Item 4	Pos	PTMB	Pos AP, Micro	NT	
U68JJJ					
Item 3	Pos	LMG	Neg AP	Neg RSID Saliva	
Item 4	Pos	LMG	Pos AP, PSA	Neg RSID Saliva	
U94C99					
Item 3	Pos	TMB	Neg AP, Micro, PSA	NT	
Item 4	Pos	TMB	Pos AP, Micro, PSA	NT	
U96PTZ					
Item 3	Pos	LMG, HemaTrace	NT	NT	
Item 4	Pos	LMG, HemaTrace	NT	NT	
UACEB7					
Item 3	Pos	LMG, Ouchterlony (anti-HgHb)	Neg AP, Micro, PSA	Neg Amylase	
Item 4	Pos	LMG, Ouchterlony (anti-HgHb)	Pos AP, Micro, PSA	Neg Amylase	
UC7TM9					
Item 3	Pos	PTMB, HemaTrace	Neg ALS, AP, Micro	NT	
Item 4	Pos	PTMB, HemaTrace	Pos ALS, AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
UDCKUH					
Item 3	Pos	KM	Neg ALS	NT	
Item 4	Pos	KM	Pos ALS, Micro	NT	
UDULH7					
Item 3	Pos	TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos	TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
UGYNQ2					
Item 3	Pos	KM	Neg ALS, AP, Micro	Neg phadebas	Human DNA detected, Pos Quant Trio
Item 4	Pos	KM	Pos ALS, AP, Micro	Neg Phadebas	Human DNA detected, Pos Quant Trio
UKL8RY					
Item 3	Pos	Hemident, HemaTrace	Neg ABACard p30	NT	
Item 4	Pos	Hemident, HemaTrace	Pos ABACard p30	NT	
UKU4XH					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Pos ALS, AP	NT	
ULUHQN					
Item 3	Pos	KM, ABACard	Neg AP	Neg Phadebas Press	
Item 4	Pos	KM, ABACard	Pos AP, PSA	Neg Phadebas Press	
UM4KCM					
Item 3	Pos	KM, ABACard	Neg AP	Neg Phadebas	
Item 4	Pos	KM, ABACard	Pos AP, PSA	Neg Phadebas	
UM9RVH					
Item 3	Pos	PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos	PTMB, HemaTrace	Pos AP, Micro	NT	
UNHRX4					
Item 3	Pos	KM	Neg ALS, AP, Micro	Neg ALS, Phadebas	Human DNA detected, Pos Quantifiler Trio
Item 4	Pos	KM	Pos ALS, AP, Micro	Neg ALS, Phadebas	Human DNA detected, Pos Quantifiler Trio
UTEEVX					
Item 3	Pos	LMG	Neg ACP	NT	
Item 4	Pos	LMG	Pos ACP, Micro	NT	
UTP2PR					
Item 3	Pos	LMG	Neg AP	Neg RSID	
Item 4	Pos	LMG	Pos AP, Micro	Neg RSID	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
UTXKT3						
Item 3	Pos	KM	Neg	AP, Micro	Neg	RSID
Item 4	Pos	KM	Pos	AP, Micro	Neg	RSID
UU9BVR						
Item 3	Pos	KM	NT		NT	
Item 4	Pos	KM	NT		NT	
V3HVV3						
Item 3	Pos	PTMB, HemaTrace	Neg	AP	NT	
Item 4	Pos	PTMB, HemaTrace	Pos	AP, Micro	NT	
V89XG9						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Pos	AP	NT	
V9K8RZ						
Item 3	Pos	KM, HemaTrace	NT		NT	
Item 4	Pos	KM, HemaTrace	NT		NT	
VB8FLF						
Item 3	Pos	KM, HemaTrace	Neg	ALS, AP, PSA, Micro	Neg	Radial Diffusion
Item 4	Pos	KM, HemaTrace	Pos	ALS, AP, PSA, Micro	Neg	Radial Diffusion
VCJ2CH						
Item 3	Pos	TMB, HemDirect	Neg	AP, Micro, PSA	NT	
Item 4	Pos	TMB, HemDirect	Pos	AP, Micro, PSA	NT	
VCKUAP						
Item 3	Pos	KM	Neg	ALS, AP	NT	
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT	
VJL798						
Item 3	Pos	Phenolphthalein, HemaTrace	Neg	ALS, AP, PSA, Micro	Neg	saligae
Item 4	Pos	Phenolphthalein, HemaTrace	Pos	ALS, AP, PSA, Micro	Neg	saligae
VKUHMN						
Item 3	Pos	KM	Neg	ALS, AP	NT	Scenario does not indicate testing is necessary per laboratory protocol.
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT	Scenario does not indicate testing is necessary per laboratory protocol.
VLCTXV						
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg	Phadebas

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
VMKH48					
Item 3	Pos	HemaTrace	Neg	ALS, AP, PSA, Micro	NT
Item 4	Pos	HemaTrace	Pos	ALS, AP, PSA, Micro	NT
VNTVPF					
Item 3	Pos	KM	Neg	ALS, AP	NT
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT
VNXFT4					
Item 3	Pos	PTMB, HemaTrace	Neg	AP	NT
Item 4	Pos	PTMB, HemaTrace	Pos	AP, Micro	NT
VP2ZU4					
Item 3	Pos	KM, RSID-Blood	Neg	AP	NT
Item 4	Pos	KM, RSID-Blood	Pos	AP, PSA, Micro	NT
VPB8LK					
Item 3	Pos	KM	Neg	AP, Micro	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
VQ3R3X					
Item 3	Pos	KM, HemaTrace	Neg	AP	Neg RSID
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro	Neg RSID
VQYDEB					
Item 3	Pos	Hemastix, HemaTrace	Neg	AP	NT
Item 4	Pos	Hemastix, HemaTrace	Pos	AP, Micro	NT
VTQJJM					
Item 3	Pos	LMG	Neg	AP; Micro	NT
Item 4	Pos	LMG	Pos	AP; Micro	NT
VUZ4DB					
Item 3	Pos	KM	Neg	AP, Micro	NT
Item 4	Pos	KM	Pos	AP, Micro	NT
VW7AMW					
Item 3	Pos	TMB, HemaTrace	Neg	AP, PSA, Micro	Neg Amylase Diffusion
Item 4	Pos	TMB, HemaTrace	Pos	AP, PSA, Micro	Neg Amylase Diffusion
VYUXBC					
Item 3	Pos	LMG, HemaTrace	Neg	ALS, AP, Microscopic, p30	NT
Item 4	Pos	LMG, HemaTrace	Pos	ALS, AP, Microscopic, p30	NT
W2DH8R					
Item 3	Pos	KM	Neg	PSA	NT
Item 4	Pos	KM	Pos	PSA	NT

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
W9G2RG						
Item 3	Pos	KM	Neg	ALS, AP	NT	
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT	
WAUQVU						
Item 3	Pos	Visual, KM, HemaTrace	Neg	ALS, AP/AP mAPping, Micro	Neg	ALS, Amylase Diffusion
Item 4	Pos	Visual, KM, HemaTrace	Pos	ALS, AP, Micro, PSA	Neg	ALS, Amylase Diffusion
WCXG4U						
Item 3	Pos	LMG	Neg	ALS, AP	NT	
Item 4	Pos	LMG	Pos	ALS, AP, Micro	NT	
WEAYJT						
Item 3	Pos	KM	Neg	ALS, FBB	NT	
Item 4	Pos	KM	Pos	ALS, FBB, PSA	NT	
WG6J2D						
Item 3	Pos	HemaTrace, KM	Neg	PSA, Micro	Neg	RSID
Item 4	Pos	HemaTrace, KM	Pos	PSA, Micro	Neg	RSID
WLJ6ZC						
Item 3	Pos	KM	Neg	ALS, AP	NT	
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT	
WMYUAW						
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT	
WN432M						
Item 3	Pos	KM, RSID	Neg	AP	NT	
Item 4	Pos	KM, RSID	Pos	AP, Micro, p30	NT	
WQTC94						
Item 3	Pos	O-tol, HemDirect	Neg	AP, PSA, Micro	Neg	Amylase Diffusion
Item 4	Pos	O-tol, HemDirect	Pos	AP, PSA, Micro	Neg	Amylase Diffusion
WRRGZJ						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Pos	AP, Micro, PSA	NT	
WTZMBY						
Item 3	Pos	PTMB	Neg	AP	NT	
Item 4	Pos	PTMB	Pos	AP, Micro	NT	
WU3NJW						
Item 3	Pos	LMG	Neg	ALS, AP	NT	
Item 4	Pos	LMG	Pos	ALS, AP, Micro	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
WUXNLW				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
WVRZCB				
Item 3	Pos KM, HemaTrace	Neg AP	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, Micro	Neg Phadebas	
WWF74F				
Item 3	Pos KM	Neg AP		
Item 4	Pos KM	Pos AP, Micro		
WX26PY				
Item 3	Pos KM	Neg ALS, AP, Micro	Neg Phadebas	Quantifiler Trio, Pos Human DNA detected
Item 4	Pos KM	Pos ALS, AP, Micro	Neg Phadebas	Quantifiler Trio, Pos Human DNA detected
WYQXLW				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
WZ6XPP				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
X2PMD4				
Item 3	Pos LMG	Neg AP	NT	
Item 4	Pos LMG	Pos AP, PSA, Micro	NT	
X3QGB2				
Item 3	Pos TMB, Takayama, RSID	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos TMB, Takayama, RSID	Pos ALS, AP, PSA, Micro	NT	
X4W6BY				
Item 3	Pos KM, RSID	Neg AP	NT	
Item 4	Pos KM, RSID	Pos AP, Micro	NT	
X7PR82				
Item 3	Pos KM, HemaTrace	Neg ALS, AP, PSA, Micro	NT	
Item 4	Pos KM, HemaTrace	Pos ALS, AP, PSA, Micro	NT	
X9E2EH				
Item 3	Pos PTMB	Neg AP	NT	
Item 4	Pos PTMB	Pos AP, Micro	NT	
XCEZFE				
Item 3	Pos KM, HB	Neg AP, Micro, PSA	NT	Y screening, Neg Promega Casework Direct
Item 4	Pos KM, HB	Pos AP, Micro, PSA		

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
XCF69P						
Item 3	Pos	KM, HemaTrace	Neg	p30	Neg	RSID
Item 4	Pos	KM, HemaTrace	Pos	p30, Micro	Neg	RSID
XD3ZE6						
Item 3	Pos	TMB	Neg	AP, Micro, PSA	NT	
Item 4	Pos	TMB	Pos	AP, Micro, PSA	NT	
XDNRPV						
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT	
XEKYL2						
Item 3	Pos	Hemastix	Neg	AP	NT	
Item 4	Pos	Hemastix	Pos	AP, Micro	NT	
XEZ2N3						
Item 3	Pos	KM	Neg	AP, Micro		
Item 4	Pos	KM	Pos	AP, Micro		
XH4UNT						
Item 3	Pos	Hemastix	Neg	AP	NT	
Item 4	Pos	Hemastix	Pos	AP, Micro	NT	
XLPWQD						
Item 3	Pos	KM, HemaTrace	Neg	AP, ALS	NT	
Item 4	Pos	KM, HemaTrace	Pos	AP, Micro, ALS, RSID-Semen	NT	
XMG32C						
Item 3	Pos	PTMB, HemaTrace	Neg	AP	NT	
Item 4	Pos	PTMB, HemaTrace	Pos	AP, Micro	NT	
XQAUZF						
Item 3	Pos	PTMB	Neg	AP, ALS		
Item 4	Pos	PTMB	Pos	AP, Micro		
XRJWEY						
Item 3	Pos	O-tol, Seratec PMB	Neg	AP, Seratec PSA, Micro	Neg	Seratec alpha Amylase
Item 4	Pos	O-tol, Seratec PMB	Pos	AP, Seratec PSA, Micro	Neg	Seratec alpha Amylase
XTK44R						
Item 3	Pos	KM, HemaTrace	Neg	AP, PSA, Micro	Neg	Phadebas
Item 4	Pos	KM, HemaTrace	Pos	AP, PSA, Micro	Neg	Phadebas
XUX7YL						
Item 3	Pos	PTMB	Neg	AP, ALS	NT	
Item 4	Pos	PTMB	Pos	AP, Micro, ALS	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
XVB7AF						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Pos	AP, Micro	NT	
XVLRLG						
Item 3	Pos	LMG	Neg	AP, PSA	Neg	RSID- Saliva
Item 4	Pos	LMG	Pos	AP, PSA	Neg	RSID-Saliva
XYNM6K						
Item 3	Pos	O-tol	Neg	AP	NT	
Item 4	Pos	O-tol	Pos	AP	NT	
XYK8F						
Item 3	Pos	Tetrabasebariumperoxyd	Neg	AP	Neg	Phadebas
Item 4	Pos	Tetrabasebariumperoxyd	Pos	AP, Micro	Neg	Phadebas
XZGHUD						
Item 3	Pos	pth, HemaTrace	Neg	ALS, AP	NT	
Item 4	Pos	pth	Pos	ALS, AP, Micro, p30	Neg	SALigAE
XZKVLG						
Item 3	Pos	PTMB	Neg	AP	NT	
Item 4	Pos	PTMB	Pos	AP, Micro	NT	
XZZ9UL						
Item 3	Pos	HemaTrace	Neg	PSA	Neg	RSID
Item 4	Pos	HemaTrace	Pos	PSA, Micro	Neg	RSID
Y287G2						
Item 3	Pos	TMB	Neg	AP, Micro, PSA	NT	
Item 4	Pos	TMB	Pos	AP, Micro, PSA	NT	
Y728HF						
Item 3	Pos	KM	Neg	AP	Neg	Amylase
Item 4	Pos	KM	Pos	AP, Micro	Neg	Amylase
Y8UCEE						
Item 3	Pos	KM	Neg	AP, ALS	NT	
Item 4	Pos	KM	Pos	AP, ALS	NT	
Y97N4Q						
Item 3	Pos	KM	Neg	AP, Micro	NT	
Item 4	Pos	KM	Pos	AP, Micro	NT	
Y9XTZT						
Item 3	Pos	LMG	Neg	AP, Micro		
Item 4	Pos	LMG	Pos	AP, Micro		

TABLE 1

Webcode	Fluid ID				
	Item	Blood	Semen	Saliva	Other
YCQKK4					
Item 3	Pos	TMB	Neg AP, Micro, PSA	NT	
Item 4	Pos	TMB	Pos AP, Micro, PSA	NT	
YCRBYY					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
YD69G4					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	
YFANJM					
Item 3	Pos	Hemastix	Neg AP	NT	
Item 4	Pos	Hemastix	Pos AP, PSA, Micro	NT	
YFPA7N					
Item 3	Pos	KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos	KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
YGYT6E					
Item 3	Pos	KM	Neg ALS	NT	
Item 4	Pos	KM test	Pos ALS, Micro	NT	
YJCUA8					
Item 3	Pos	PTMB, HemaTrace	Neg AP	NT	
Item 4	Pos	PTMB, HemaTrace	Pos AP, Micro	NT	
YKFH3W					
Item 3	Pos	KM, RSID-Blood	Neg AP	NT	bodily fluids (Semen), Neg ALS
Item 4	Pos	KM, RSID-Blood	Pos AP, Micro	NT	bodily fluids (Semen), Neg ALS
YLBQJT					
Item 3	Pos	KM	Neg AP, Micro	NT	
Item 4	Pos	KM	Pos AP, Micro	NT	
YLXF3U					
Item 3	Pos	LMG, HemaTrace	Neg AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos AP, Micro, PSA	NT	
YN3QYC					
Item 3	Pos	TMB	Neg ALS, AP	NT	
Item 4	Pos	TMB	Pos ALS, AP	NT	
YTDZNZ					
Item 3	Pos	TMB, HemDirect	Neg AP	NT	
Item 4	Pos	TMB, HemDirect	Pos AP, Micro, PSA	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
YU886X						
Item 3	Pos	LMG, HemaTrace	Neg	AP	NT	
Item 4	Pos	LMG, HemaTrace	Pos	AP, Micro, PSA	NT	
YUDB74						
Item 3	Pos	KM	Neg	AP, Sperm, p30	NT	
Item 4	Pos	KM	Pos	AP, Sperm, p30	NT	
YV8XKR						
Item 3	Pos	ALS, KM, HemaTrace	Neg	ALS, AP, Micro	Neg	ALS, Amylase Diffusion
Item 4	Pos	ALS, KM, HemaTrace	Pos	ALS, AP, Micro, PSA	Neg	ALS, Amylase Diffusion
YZATZZ						
Item 3	Pos	TMB, HemDirect	Neg	ALS, AP	NT	
Item 4	Pos	TMB, HemDirect	Pos	ALS, AP, Micro, PSA	NT	
Z6LEMJ						
Item 3	Pos	KM	Neg	ALS, AP, Micro	NT	
Item 4	Pos	KM	Pos	ALS, AP, Micro	NT	
Z6YJVB						
Item 3	Pos	KM	Neg	ALS	NT	
Item 4	Pos	KM	Pos	ALS, Micro	NT	
Z7HZC4						
Item 3	Pos	PTMB, HemaTrace	Neg	AP, Micro	NT	
Item 4	Pos	PTMB, HemaTrace	Pos	AP, Micro, PSA	NT	
Z8CPGW						
Item 3	Pos	PTMB	Neg	ALS, AP	NT	
Item 4	Pos	PTMB	Pos	ALS, AP, Micro	NT	
Z9RC88						
Item 3	Pos	PTMB	Neg	AP		
Item 4	Pos	PTMB	Pos	AP, Micro		
ZCJXHG						
Item 3	Pos	HemaTrace	Neg	PSA	Neg	alpha Amylase
Item 4	Pos	HemaTrace	Pos	PSA, Xmas Tree, Semenogelin	Neg	alpha Amylase
ZDF9HP						
Item 3	Pos	LMG, HemaTrace	Neg	AP, PSA, Micro	Neg	Amylase
Item 4	Pos	LMG, HemaTrace	Pos	AP, PSA, Micro	Neg	Amylase
ZFP3QW						
Item 3	Pos	Hstx, HTrace	Neg	ALS, PSA	NT	
Item 4	Pos	Hstx, HTrace	Pos	ALS, PSA	NT	

TABLE 1

Webcode	Fluid ID			
	Blood	Semen	Saliva	Other
ZH8KBZ				
Item 3	Pos KM, TMB	Neg AP	NT	
Item 4	Pos KM, TMB	Pos AP	NT	
ZHGZ6U				
Item 3	Pos KM	Neg p30	NT	
Item 4	Pos KM	Pos p30, Micro	NT	
ZJ3X3Z				
Item 3	Pos TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
ZJ8UQH				
Item 3	Pos KM, HemaTrace	Neg AP, PSA, Micro	Neg Phadebas	
Item 4	Pos KM, HemaTrace	Pos AP, PSA, Micro	Neg Phadebas	
ZKFQW2				
Item 3	Pos TMB, HemDirect	Neg ALS, AP	NT	
Item 4	Pos TMB, HemDirect	Pos ALS, AP, Micro, PSA	NT	
ZLCUW4				
Item 3	Pos KM, Hemastix, HemaTrace	Neg AP, PSA, Micro	NT	
Item 4	Pos KM, Hemastix, HemaTrace	Pos AP, PSA, Micro	NT	
ZLUDU2				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, PSA	NT	
ZLZHDK				
Item 3	Pos Combur (TMB), KM	Neg PSA, AP	Neg Phadebas	
Item 4	Pos Combur (TMB), KM	Pos PSA, AP, Micro	Neg Phadebas	
ZPCA37				
Item 3	Pos KM	Neg AP	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
ZQZNP				
Item 3	Pos KM	Neg AP, Micro	NT	
Item 4	Pos KM	Pos AP, Micro	NT	
ZUHVZC				
Item 3	Pos KM	Neg ALS	NT	
Item 4	Pos KM	Pos ALS, Micro	NT	
ZWWPA4				
Item 3	Pos KM	Neg AP	Neg Phadebas (Amylase)	
Item 4	Pos KM	Pos AP, Micro, p30	NT	

TABLE 1

Webcode	Fluid ID					
	Item	Blood	Semen	Saliva	Other	
ZXT2RP						
Item 3	Pos	KM	Neg	ALS, AP	NT	
Item 4	Pos	KM	Pos	ALS, AP, PSA	NT	
ZY388Y						
Item 3	Pos	KM	Neg	AP / Micro	Neg	RSID
Item 4	Pos	KM	Pos	AP / Micro	Neg	RSID
ZYG3RL						
Item 3	Pos	KM, HemaTrace	NT		NT	
Item 4	Pos	KM, HemaTrace	NT		NT	
ZZVN4N						
Item 3	Pos	Hemastix	Neg	PSA, Micro	Neg	RSID
Item 4	Pos	Hemastix	Pos	PSA, Micro	Neg	RSID
ZZWCRT						
Item 3	Pos	KM	Neg	AP	NT	
Item 4	Pos	KM	Pos	AP, Micro	NT	

Table 1: Serology Screening Response Summary				Item 3	Participants: 683
ITEM 3:	Blood	Semen	Saliva		
Positive	682	0	0		
Negative	0	661	171		
Inconclusive	0	0	1		
Not Tested (NT)	1	22	486		
Not Reported	0	0	25		

Table 1: Serology Screening Response Summary				Item 4	Participants: 683
ITEM 4:	Blood	Semen	Saliva		
Positive	682	666	0		
Negative	0	0	183		
Inconclusive	0	0	0		
Not Tested (NT)	1	17	469		
Not Reported	0	0	31		

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

22LLAE	Identifiler® Plus, MiniFiler					
		17,18		16,17	12	
1	11,12	12,13			10,11	12
	17,18	12,13	29,30		X	10,12
	20				6,9.3	8
	16,17					
236DP4	PowerPlex® ESX17, PPHS16 (GeneMapper ID v.3.2 software (Applied Biosystems))					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
23YACQ	GlobalFiler™ Express					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
26KFVG	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
27X8NY	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
28PPWR	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

2F67VT	GlobalFiler™ (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
2FJKBP	Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
2JMFWD	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
2KXFE	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
2MMQQT	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
2NDP7C	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
2PQZMB	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	

TABLE 2

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

Item 1 - STR Results

2TTDNN	Identifiler® Plus, MiniFiler					
		17,18		16,17	12	
1	11,12	12,13			10,11	12
	17,18	12,13	29,30		X	10,12
	20				6,9.3	8
	16,17					
2XZH69	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	ND			ND	
2YAGAQ	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	INC				
32GXGL	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
32WWGH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
344VDQ	PowerPlex® Fusion (TrueAllele)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
34FEC3	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	-
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	-	-	22.2,28.2	6,9.3	8,8
	16,17	-	-	-	-	-

TABLE 2

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

Item 1 - STR Results

37V2H3	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
3CUJ6M	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
3CWYNF	Identifiler® Plus					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
3EDFN8	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	Not Tested
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	Not Tested	Not Tested	22.2,28.2	6,9.3	8,8
	16,17	NR	Not Tested	Not Tested	NR	
3FTUX3	Investigator® 24plex GO!					
	12,15.3	17,18	10,11	16,17	12,12	N/A
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	N/A	N/A	22.2,28.2	6,9.3	8,8
	16,17	N/A	N/A	N/A	N/A	
3GCM9C	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
3JXUMK	PowerPlex® Fusion 6C DIRECT					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

3JZY8H	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
3L9J7W	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
3P26U8	GlobalFiler™, Investigator® 24plex					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
3P2DFC	NGM					
	12,15.3	17,18	10,11	16,17		
1		12,13	14,14	16,22		12,12
	17,18	12,13	29,30	15,16	X,X	
	20,20				6,9.3	
	16,17					
3PMCIB	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
3QEX8M	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
3RFZLC	PowerPlex® 21					
	12,15.3	17,18		16,17	12,12	14,18
1	11,12	12,13		16,22	10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

3RRZGL	PowerPlex® F6C Direct					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
3T4L7M	Investigator® 24plex QS (reference standard)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
3Z4FAA	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
43MC86	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
43RRJK	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
44JQY4	Investigator® 24plex GO!					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
46AQJF	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

46DEDT	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-	
472NQM	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
47BE7L	PowerPlex® F6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
4B6LW2	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
4D4J6N	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
4EHJ8V	Investigator® 24plex GO!					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR				
4LMTNJ	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

4N9N4W	GlobalFiler™, MiniFiler					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NO RESULTS			NO RESULTS	
4RAF32	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
4V4AZ3	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
4XGADK	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
63BEPF	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
64B2G7	GlobalFiler™ PCR Amplification Kit					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
64CP4B	GlobalFiler™ Express					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

64H9EE	Identifiler® Plus					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
66B7MK	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
678GLU	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	No Results			No Results	
6AEXB4	PowerPlex® 5C, 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
6BRCWR	Identifiler® Plus					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
6D2TBW	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
6EHYX2	PowerPlex® 21					
	12,15.3	17,18		16,17	12,12	14,18
1	11,12	12,13		16,22	10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

6FBW78	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
6FM434	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
6K8T4U	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
6LF6LV	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
6N6J4D	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
6NLQCG	PowerPlex® F6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
6PWGCK	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

6PY6YQ	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
6QNPBN	Identifiler® Plus					
	-	17,18	-	16,17	12	-
1	11,12	12,13	-	-	10,11	12
	17,18	12,13	29,30	-	X,X	10,12
	20	-	-	-	6,9.3	8
	16,17	-	-	-	-	
6RYMMJ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
6U7VZB	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
6UABDB	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
6UK7Q3	Investigator® 24plex GO!					
	12,15.3	17,18	10,11	16,17	12,12	N/A
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	N/A	N/A	22.2,28.2	6,9.3	8,8
	16,17	N/A	N/A	N/A	N/A	
6ZBPL7	GlobalFiler™ PCR Amplification kit					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

6ZDD9B	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
76NPYB	PowerPlex® F6C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
77BK6P	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
789LFN	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
793CJG	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
79JN2M	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
7AJ839	Identifiler® Plus, MiniFiler					
		17,18		16,17	12	
1	11,12	12,13			10,11	12
	17,18	12,13	29,30		X	10,12
	20				6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

7AW8ZX	PowerPlex® Fusion 5C, Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
7B4JGZ	NGM SSelect					
	12,15.3	17,18	10,11	16,17		
1		12,13	14,14	16,22		12,12
	17,18	12,13	29,30	15,16	X,X	
	20,20			22.2,28.2	6,9.3	
	16,17					
7BCA3Q	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
7CQ968	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
7G2HC4	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
7KNRRW	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17	NR	NR	NR		
7KWT9H	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

7KXFVN	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
7LTPUC	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
7NJNBV	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
7NKZWL	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
7NLDGE	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
7PF9XV	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	-			-	
7U8B4F	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

7UL2P6	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
7WE8HC	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
7X3UUZ	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
7YWHYN	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	NR				
82GTMK	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
83Y4XR	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
84R4NB	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

87CH8Y	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
89763B	PowerPlex® Fusion 6C (STRMix)					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
89PGYF	PowerPlex® Fusion6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
89ZMPP	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
8ATY9Q	PowerPlex® Fusion (TrueAllele)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
8C3XUK	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
8DBZUX	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	

TABLE 2

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

Item 1 - STR Results

8DC6WD	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
8FJ6ED	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
8GT9TW	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	NR				
8H3D97	GlobalFiler™ PCR Amplification kit					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
8H42UQ	PowerPlex® Fusion (TrueAllele)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
8HM3HE	Investigator® 24plex					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
8HQ7AP	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	No Results			No Results	

TABLE 2

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

Item 1 - STR Results

8HT6JK	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
8JL4QR	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
8KCCQU	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
8NCMLU	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
8NYC6V	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
8REYN8	PowerPlex® 21					
	12,15.3	17,18		16,17	12,12	14,18
1	11,12	12,13		16,22	10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
8RXAEH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

8UXMUU	Identifiler® Plus					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
8VR9P7	GlobalFiler™, Investigator® 24plex					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
8WDKMK	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
8X3QMM	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
8YX6EM	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
8YZT2R	GlobalFiler™ (STRmix)					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
92R7D2	PowerPlex® Fusion 5C & 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

97EZUG	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
9BNTX8	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X,X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
9ELG73	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
9EQCVK	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
9GBFTD	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
9HLX2	Identifiler® Plus, MiniFiler					
		17,18		16,17	12	
1	11,12	12,13			10,11	12
	17,18	12,13	29,30		X	10,12
	20				6,9.3	8
	16,17					
9L4C3G	Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

9MX2KC	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
9RC9VC	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
9T474J	Identifiler® Plus					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
9T6WHE	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
9UXHVH	Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
9X47TF	PowerPlex® Fusion6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
9ZFCTU	Identifiler® Plus					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

A2QJPV	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-	
A2T76N	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
A2V2LY	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
A3T3UC	PowerPlex® F6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
A4W2NR	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
A69PEJ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
A8HMXR	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

A8XXLY	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
ACCL9G	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
ACTBGF	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
ACYDGM	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17	ND	ND	ND		
AD8ZYF	PowerPlex® F6C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
AE3HJ9	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
AEMWA8	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

AKP27X	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
AKUFGD	PowerPlex® Fusion 6 direct					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
ALKLTW	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
ANMLTU	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
AGEDRZ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
ATK2MB	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
AUE9PH	Identifiler® Plus					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		XX	10,12
	20,20				6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

AV7KA9	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
AVABUQ	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
AVLNX9	Identifiler®					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
AWGARZ	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
AXBW7P	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
AXT7W6	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
B24P9H	Identifiler® Plus					
		17,18		16,17	12	
1	11,12	12,13			10,11	12
	17,18	12,13	29,30		X,X	10,12
	20				6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

B2P8HJ	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
B3XB4U	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	No Results			No Results	
B6UQM8	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
B8FL3K	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
B96WVX	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
BA994N	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
BAJ8YX	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

BBDTUA	PowerPlex® Fusion 6C (STRmix)					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
BGHNLW	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
BJEFXN	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
BKJPNE	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
BN3MC6	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
BPQ8UU	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	NR				
BQNKF2	GlobalFiler™ Express					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

BTFKNX	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
BTHVG2	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	NR				
BURVJM	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
BV66WU	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
BWY6ND	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
BWZTBH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	XX	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
BXQA7C	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

BZCFNG	GlobalFiler™ (STRmix 2.4)					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	No results			No results	
C2LQW7	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
C2MJVE	Identifiler® Plus					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
C3HQBP	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-	
C4VDT4	Identifiler® Plus, MiniFiler					
		17,18		16,17	12	
1	11,12	12,13			10,11	12
	17,18	12,13	29,30		X	10,12
	20				6,9.3	8
	16,17					
C7KLZK	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
CAJVK	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

CFL4BM	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
CHPBN3	GlobalFiler™ PCR Amplification Kit					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
CHUP24	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
CHW4D9	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
CJ96GP	GlobalFiler™, MiniFiler					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	no results			no results	
CJAVPT	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
CJYF2Q	Identifiler® Plus					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

CLDNNX	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
CMA297	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
CPBADF	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
CRHM29	PowerPlex® Fusion6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
CVJ74N	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
CVLVB7	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
CWAWZA	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

CWECFV	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
CX9XB8	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
CYJ8CX	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
CYUV9C	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
D2HLXN	GlobalFiler™ 1808086					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
D6J7ZT	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
D6X8GU	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	

TABLE 2

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

Item 1 - STR Results

DDH6MV	Investigator® 24plex					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
DE8GDN	GlobalFiler™, MiniFiler					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	no result			no result	
DFY3Y6	Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
DGRFKQ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
DNATJP	Identifiler Pus					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
DNRWZ3	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
DNYW7X	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

DR94FP	Identifiler® Plus					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
DTM6HW	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-	
DUQK3A	PowerPlex® Fusion 6C (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
DVY8L4	PowerPlex® F6C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
DYAB36	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
DYTCP8	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
DZNXHY	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

DZQ62Y	PowerPlex® 21					
	12,15.3	17,18		16,17	12,12	14,18
1	11,12	12,13		16,22	10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
E2HFDD	GlobalFiler™ Express					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X,X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
E3TNJM	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
E4Z22N	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
E4KX4M	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	-
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	-	-	22.2,28.2	6,9.3	8,8
	16,17	NR	-	-	NR	
E4ZCDH	Identifiler®, MiniFiler					
		17,18		16,17	12	
1	11,12	12,13			10,11	12
	17,18	12,13	29,30		X	10,12
	20				6,9.3	8
	16,17					
E6ZMTZ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

E8MPK2	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
E9J7PB	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
E9XURX	PowerPlex® Fusion 5C, Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
EA74MF	PowerPlex® Fusion (TrueAllele)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
ECW33Y	Identifiler® Plus					
	-	17,18	-	16,17	12	-
1	11,12	12,13	-	-	10,11	12
	17,18	12,13	29,30	-	X,X	10,12
	20	-	-	-	6,9.3	8
	16,17	-	-	-	-	
ECW6R4	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
ECYTAH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

EDN2GX	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
EFWEYY	Identifiler® Plus					
	-	17,18	-	16,17	12	-
1	11,12	12,13	-	-	10,11	12
	17,18	12,13	29,30	-	X,X	10,12
	20	-	-	-	6,9.3	8
	16,17	-	-	-	-	
EFYUJD	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
EGFG8E	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
EJLWLX	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
EKU327	GlobalFiler™ (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
EMH3ZW	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

ENEYLQ	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12	
	1	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20			22.2,28.2	6,9.3	8
	16,17						
EP4XFA	PowerPlex® Fusion						
		12,15.3	17,18	10,11	16,17	12	
	1	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20	10,13	5,16		6,9.3	8
	16,17						
EPHH4D	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12,12	
	1	11,12	12,13	14,14	16,22	10,11	12,12
		17,18	12,13	29,30	15,16	X,X	10,12
		20,20			22.2,28.2	6,9.3	8,8
	16,17						
EQRCXT	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12,12	
	1	11,12	12,13	14,14	16,22	10,11	12,12
		17,18	12,13	29,30	15,16	X,X	10,12
		20,20			22.2,28.2	6,9.3	8,8
	16,17	no result			no result		
ER8TWR	Identifiler® Plus, MiniFiler						
			17,18		16,17	12	
	1	11,12	12,13			10,11	12
		17,18	12,13	29,30		X	10,12
		20				6,9.3	8
	16,17						
ERAAH6	PowerPlex® Fusion 5C						
		12,15.3	17,18	10,11	16,17	12,12	
	1	11,12	12,13	14,14	16,22	10,11	12,12
		17,18	12,13	29,30	15,16	X,X	10,12
		20,20	10,13	5,16		6,9.3	8,8
	16,17	Neg					
ERAU36	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12	
	1	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20			22.2,28.2	6,9.3	8
	16,17						

TABLE 2

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

Item 1 - STR Results

EUK6BN	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
EVQU6K	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	no results			no results	
EVTGQ6	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
EVV8WM	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
F2BRA6	PowerPlex® Fusion 6C Direct					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
F3TZNU	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
F4EYP6	Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	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 1 - STR Results

F748WL	Identifiler® Plus					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
F9YF6A	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
FC94H7	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
FD6FHF	PowerPlex® Fusion (TrueAllele)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
FE3G9B	GlobalFiler™ Express					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
FEHRWH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
FEK9HV	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

FEXGAP	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
FGMPG6	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
FHFNPC	Identifiler® Plus					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
FJFE48	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
FKMLX6	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
FLNPZB	NGM SSelect					
	12,15.3	17,18	10,11	16,17		
1		12,13	14,14	16,22		12,12
	17,18	12,13	29,30	15,16	X,X	
	20,20			22.2,28.2	6,9.3	
	16,17					
FLZL4U	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

FM78KF	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X,X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
FMCXQJ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
FMDKDN	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
FMGM9H	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
PPF8M2	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
FRKHZ4	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
FV4W46	Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

FWFH37	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
FY2BVZ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
G24KCW	GlobalFiler™ (STRMix v. 2.4)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
G269Y2	PowerPlex® Fusion 6C, GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
G32RV2	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
G34H3J	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
G4HEH3	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

G4J6R7	PowerPlex® Fusion 6C Direct					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
G68QBG	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
G6QMP3	Identifiler® Plus					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
G9AJDR	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
GA2YPH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
GAZB2D	Identifiler® Plus					
		17,18		16,17	12	
1	11,12	12,13			10,11	12
	17,18	12,13	29,30		X,X	10,12
	20				6,9.3	8
	16,17					
GDK8NH	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

GDKRJ4	Identifiler® Plus (STRmix)					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
GEJCFX	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
GFNZFV	GlobalFiler™ PCR Amplification kit					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
GJCDER	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
GMCAVQ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
GN6FG7	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
GPWNF9	in-house multiplex					
	12,15.3		10,11	16,17		
1		12,13	14,14	16,22		12,12
	17,18		29,30	15,16	X,X	
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

GPXC4E	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
GRH8JR	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
GRMMWT	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
GRZJYC	PowerPlex® Fusion (TrueAllele)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
GTE8WB	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
GUDHH7	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
GV2D9E	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

GVYPKA	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
GXNYTP	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
GY2QK7	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
H29PVK	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
H6PJKD	PowerPlex® F6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
H7CGHH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
H876W7	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17	-				

TABLE 2

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

Item 1 - STR Results

H92HM7	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
HA2G7E	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
HBN3QN	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
HBUECY	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
HC6WAG	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
HEC7M8	GlobalFiler™ (STRmix)					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
HGECZM	PowerPlex® 5C, 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

HGW23K	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
HHTD3U	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
HMPYX3	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
HND7RT	GlobalFiler™ Amplification Kit					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
HQ7YX	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
HQQH7Q	Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
HVZX9M	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

HXJ78M	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
HYGQEZ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
J2NAYU	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
J7YXJ7	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
J88A28	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
J8TJEH	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
J9Z2BT	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

JAEV4T	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-	
JAH7X	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
JAYYU2	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
JB9U6C	GlobalFiler™ (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
JBUM76	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
JCWRBC	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
JEBE9C	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

JHMMAG	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	-			-	
JJZKL8	NGM Slect, MiniFiler					
	12,15.3	17,18	10,11	16,17		
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X,X	10,12
	20			22.2,28.2	6,9.3	
	16,17					
JN3V2M	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
JPBZGW	PowerPlex® 21					
	12,15.3	17,18		16,17	12,12	14,18
1	11,12	12,13		16,22	10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
JQMC78	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
JRUQE9	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	INC				
JRZANC	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

JTLUX9	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
JTNHJT	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
JTQ6XL	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
JY3EK3	GlobalFiler™ (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
JYRDAF	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
JYZPEJ	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17	NR	NR	NR		
K42V62	GlobalFiler™ (STRmix)					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

K8QUH6	Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	-				
K9F3QK	GlobalFiler™ Direct					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
K9GVNT	GlobalFiler™ (STRmix)					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
KE96XQ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
KFEURM	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-	
KGE3CM	Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
KJVLWH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

KMZKKA	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
KQD694	PowerPlex® Fusion (STRMix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
KQTFWB	Identifiler® Plus					
		17,18		16,17	12	
1	11,12	12,13			10,11	12
	17,18	12,13	29,30		X,X	10,12
	20				6,9.3	8
	16,17					
KR4D88	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
KUTNZL	Identifiler® Plus					
		17,18		16,17	12	
1	11,12	12,13			10,11	12
	17,18	12,13	29,30		X	10,12
	20				6,9.3	8
	16,17					
KUUCNQ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
KVCY6Q	PowerPlex® 21					
	12,15.3	17,18		16,17	12,12	14,18
1	11,12	12,13		16,22	10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

KW4EH3	PowerPlex® Fusion 5					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
KX29C8	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
KXBLV4	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
KXJ28P	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-	
KZHYGB	PowerPlex® Fusion (TrueAllele)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
L3NBXH	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
L3NWB4	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

L3QJU4	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
L4CGR9	Identifiler® Plus					
		17,18		16,17	12	
1	11,12	12,13			10,11	12
	17,18	12,13	29,30		X,X	10,12
	20				6,9.3	8
	16,17					
L6WWNX	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
L8VEDD	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
L9UELQ	GlobalFiler™, Investigator® 24plex					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
L9ULWH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
LA672L	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

LCUQHQ	PowerPlex® Fusion 5C, 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
LD89P3	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
LDAE6H	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17	NR	NR	NR		
LDQ2GY	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X,X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
LE2UKE	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
LE63J7	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
LEY6CB	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

LFQEWK	Identifiler® Plus (STRmix)					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
LMHWWN	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
LN2UMK	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
LNQYRY	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
LRH238	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	INC				
LT2WU	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
LTLXY3	Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	-				

TABLE 2

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

Item 1 - STR Results

LVB88J	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
LVLU3X	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
LWC34L	Identifiler® Plus, MiniFiler					
		17,18		16,17	12	
1	11,12	12,13			10,11	12
	17,18	12,13	29,30		X	10,12
	20				6,9.3	8
	16,17					
LY94HQ	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
LZ8QB3	Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	-				
M37ZMB	PowerPlex® Fusion 5C (STRMix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
M4HBN2	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

MC9FBV	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
MEBB3K	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
MHBJ7V	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
MK2T9A	PowerPlex® Fusion 5C (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
MKZWND	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
MN27RR	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
MQC8AY	PowerPlex® Fusion DIRECT					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

MTBDZJ	Identifiler® Plus, MiniFiler					
		17,18		16,17	12	
1	11,12	12,13			10,11	12
	17,18	12,13	29,30		X	10,12
	20				6,9.3	8
	16,17					
MUCVUA	PowerPlex® Fusion 5C (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
MXDTT7	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
MZE99J	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
N26JTK	Identifiler® Plus, MiniFiler					
		17,18		16,17	12	
1	11,12	12,13			10,11	12
	17,18	12,13	29,30		X	10,12
	20				6,9.3	8
	16,17					
N2MPY3	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
N3C2RG	Investigator® 24plex GO					
	12,15.3	17,18	10,11	16,17	12,12	N/A
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20	N/A	N/A	22.2,28.2	6,9.3	8,8
	16,17	N/A	N/A	N/A	N/A	

TABLE 2

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

Item 1 - STR Results

N3JJVR	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
N4DPFL	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
N4M3DF	Identifiler® Plus					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
N4UJWT	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
N4VMZY	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
N64WEP	GlobalFiler™ PCR Amplification Kit					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
N6NK87	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

N7M9JU	Identifiler® Plus					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
N9CGQB	Investigator® 24plex					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	-				
NAFEVC	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
NDW9Q7	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	INC				
NF84JP	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
NF9G2W	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
NFMZNE	GlobalFiler™ Direct					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

NFN7E6	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
NHA2UH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
NKKY8Y	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
NL3GPH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	-
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	-	-	22.2,28.2	6,9.3	8,8
	16,17	-	-	-	-	
NMNUMV	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
NPAGG4	GlobalFiler™, MiniFiler					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	no result			no result	
NPC4YH	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

NRVCXH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
NTE62Z	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
NWU697	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
NXRP72	PowerPlex® Fusion (STRMix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
NZER4E	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-	
NZQC84	PowerPlex® Fusion (STRMix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	INC				
NZURQV	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

P2KB8M	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
P2XU7Y	PowerPlex® Fusion 5C (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
P6L87V	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
PB6V3J	IDplexPlus					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
PC44YP	PowerPlex® 21					
	12,15.3	17,18		16,17	12,12	14,18
1	11,12	12,13		16,22	10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
PCGDHJ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
PCNGB3	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

PE9DQF	GlobalFiler™ Plus					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
PF4LP4	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
PGH28C	PowerPlex® F6C (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17	NR	NR	NR		
PGUK6M	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
PHXZQ2	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
PJLJL	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-	
PK9WN6	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

PMMHZ7	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
PRA3HL	GlobalFiler™ PCR Amplification kit					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
PW8MDH	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
PYDZAY	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
PZPK9Z	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
Q227RF	PowerPlex® PP21					
	12,15.3	17,18		16,17	12,12	14,18
1	11,12	12,13		16,22	10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
Q2JCQ6	GlobalFiler™ (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

Q2TW99	PowerPlex® Fusion 6C, GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17	NR	NR	NR	NR	
Q2XP73	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
Q3TVHA	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
Q3U4W2	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
Q4PNKZ	Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
Q7RBVX	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	-				
Q82E82	Identifiler® Plus					
		17,18		16,17	12	
1	11,12	12,13			10,11	12
	17,18	12,13	29,30		X,X	10,12
	20				6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

QAB48Q	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
QB234G	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	-
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	-	-	22.2,28.2	6,9.3	8,8
	16,17	-	-	-	-	
QBX7D	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
QDPXUP	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
QKMMBU	Investigator® 24plex					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
QL282J	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
QLPWHY	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

QMWVF9	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
QNBHD8	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
QPJEG7	PowerPlex® Fusion 5C (TrueAllele)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
QPYKUA	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
QRB7VW	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
QT8U2Y	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
QUH43P	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

QUYRA7	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
QVW4AF	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
QWHN2C	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	NR				
QWN2GL	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
QYQ2GJ	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
R3AWW2	GlobalFiler™ (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
R4MFVD	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

R4Y9PF	Investigator® 24plex GO!					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
R829PC	GlobalFiler™ Direct					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
RC6M6G	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	NT
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	NT	NT	22.2,28.2	6,9.3	8,8
	16,17	NR	NT	NT	NR	
RCUDGV	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
RD2WH8	Identifiler® Plus					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
RFFWKE	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
RL2HGL	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

RLFTC7	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
RM74X8	PowerPlex® Fusion 5C, GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17	NR			NR	
RMQY6	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
RN9HY8	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
RNN48N	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
RNZPTJ	PowerPlex® Fusion 6C, 5C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
RPBREH	PowerPlex® Fusion 6C, 5C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

RT2Q2T	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
RY4Z7Z	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
RZZWRU	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
T2P72G	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
T38GBN	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
T6AD2H	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	NR				
T6QZ6D	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

T74RZF	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
T7JYDK	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
T7QYL2	PowerPlex® F6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
T8CWJ7	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
T8YK38	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
T936MF	Identifiler® Plus, MiniFiler					
		17,18		16,17	12	
1	11,12	12,13			10,11	12
	17,18	12,13	29,30		X	10,12
	20				6,9.3	8
	16,17					
TCBL8B	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

TFRWEM	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
TH2Y9Y	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
TMP6JA	PowerPlex® Fusion (TrueAllele)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
TMWNWX	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
TNKUYN	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
TRHDWG	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
TRWZY4	Identifiler®, MiniFiler					
		17,18		16,17	12	
1	11,12	12,13			10,11	12
	17,18	12,13	29,30		X	10,12
	20				6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

TTDZ9K	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
TTU28F	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
TU7PML	GlobalFiler™ PCR Amplification Kit					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
TUNQQB	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
TWEYRP	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
TWXD88	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
TXN8HC	Investigator® 24plex GO!					
	12,15.3	17,18	10,11	16,17	12,12	N/A
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	N/A	N/A	22.2,28.2	6,9.3	8,8
	16,17	N/A	N/A	N/A	N/A	

TABLE 2

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

Item 1 - STR Results

TYK9WF	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
TZFWB6	GlobalFiler™					
	12,15.3	17,18	10,[11]	[16],17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	[12],[13]	29,30	15,[16]	X	10,12
	20			22.2,[28.2]	[6],[9.3]	8
	16,17	ND			ND	
U3KXWN	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
U68JJJ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
U94C99	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
UACEB7	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
UC7TM9	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

UDCKUH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
UDULH7	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
UGYNQ2	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	No Results			No Results	
UKL8RY	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
UKU4XH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
ULUHQN	Identifiler® Plus					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
UM4KCM	Identifiler® Plus					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

UM9RVH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-	
UNHRX4	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	No Results			No Results	
UTEEVX	GlobalFiler™ Express					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
UTP2PR	Investigator® 24plex					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
UTXKT3	GlobalFiler™ (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
UU9BVR	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
V3HVV3	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

V89XG9	Identifiler® Plus					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
V9K8RZ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
VB8FLF	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
VCJ2CH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
VCKUAP	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
VJL798	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
VKUHMN	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

VLCTXV	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
VMKH48	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
VNTVPF	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
VNXFT4	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
VP2ZU4	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
VPB8LK	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
VQ3R3X	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

VQYDEB	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	No Result			No Result	
VTQJJM	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
VUZ4DB	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
VW7AMW	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
VYXKP6	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	no results			no results	
W2DH8R	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
W9G2RG	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

WCXG4U	GlobalFiler™ Express					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
WEAYJT	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
WG6J2D	PowerPlex® Fusion 5C, Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
WLJ6ZC	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
WMYUAW	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
WN432M	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
WN8PFF	PowerPlex® Fusion 5C and 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

WQTC94	Identifiler®					
		17,18		16,17	12	
1	11,12	12,13			10,11	12
	17,18	12,13	29,30		X	10,12
	20				6,9.3	8
	16,17					
WRRGZJ	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
WTZMBY	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
WU3NJW	GlobalFiler™ Express					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
WUXNLW	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
WVRZCB	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
WWF74F	GlobalFiler™ Express					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

WX26PY	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	No Results			No Results	
WYQXLW	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
WZ6XPP	PowerPlex® Fusion 6C (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
X2PMD4	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
X3QGB2	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
X4W6BY	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
X76CHY	PowerPlex® 21					
	12,15.3	17,18		16,17	12,12	14,18
1	11,12	12,13		16,22	10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

X7PR82	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
X8HQE9	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
X9E2EH	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
XCEZFE	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	NA				
XCF69P	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
XDNRPV	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
XEKYL2	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

XEZ2N3	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12,12	
	1	11,12	12,13	14,14	16,22	10,11	12,12
		17,18	12,13	29,30	15,16	X,X	10,12
		20,20			22.2,28.2	6,9.3	8,8
	16,17	no result			no result		
XH4UNT	PowerPlex® Fusion (STRmix)						
		12,15.3	17,18	10,11	16,17	12	
	1	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20	10,13	5,16		6,9.3	8
	16,17						
XHZAWJ	PowerPlex® Fusion 5						
		12,15.3	17,18	10,11	16,17	12	
	1	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20	10,13	5,16		6,9.3	8
	16,17						
XLPWQD	PowerPlex® PowerPlex®21						
		12,15.3	17,18		16,17	12,12	14,18
	1	11,12	12,13		16,22	10,11	12,12
		17,18	12,13	29,30		X,X	10,12
		20,20	10,13	5,16		6,9.3	8,8
	16,17						
XMG32C	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12,12	
	1	11,12	12,13	14,14	16,22	10,11	12,12
		17,18	12,13	29,30	15,16	X,X	10,12
		20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-		
XQAUZF	PowerPlex® Fusion						
		12,15.3	17,18	10,11	16,17	12	
	1	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20	10,13	5,16		6,9.3	8
	16,17						
XRJWEY	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12	
	1	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X,X	10,12
		20			22.2,28.2	6,9.3	8
	16,17						

TABLE 2

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

Item 1 - STR Results

XTK44R	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
XUX7YL	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
XVB7AF	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
XVLRLG	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
XYNM6K	Identifiler® Plus					
		17,18		16,17	12,12	
1	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
XYYK8F	PowerPlex® ESX 17 Fast					
	12,15.3	17,18	10,11	16,17		
1		12,13	14,14	16,22		12,12
	17,18	12,13	29,30	15,16	X,X	
	20,20			22.2,28.2	6,9.3	
	16,17					
XZGHUD	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

XZKVLG	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
XZZ9UL	Identifiler®, PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17	No result				
Y728HF	GlobalFiler™ (TrueAllele)					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
Y8UCEE	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
Y97N4Q	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8,8
	16,17					
Y9XTZT	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
YCRBY	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

YD69G4	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
YFANJM	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
YFPA7N	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
YGYT6E	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-	
YJCUA8	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
YLBQJT	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
YLXF3U	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

YN3QYC	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
YNZ3C8	Identifiler® Plus, MiniFiler					
		17,18		16,17	12	
1	11,12	12,13			10,11	12
	17,18	12,13	29,30		X	10,12
	20				6,9.3	8
	16,17					
YTDZNZ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
YUDB74	PowerPlex® Fusion 6C (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17	NR	NR	NR		
YXUA7X	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
YZATZZ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
Z3ELRE	PowerPlex® Fusion, 21, Verifiler					
	12,15.3	17,18	10,11	16,17	12,12	14,18
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					

TABLE 2

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

Item 1 - STR Results

Z6LEMJ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
Z6YJVB	GlobalFiler™ Amplification Kit					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
Z7HZC4	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-	
Z8CPGW	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
Z9RC88	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
ZCJXHG	Identifiler®, PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17	NR				
ZDF9HP	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

ZFP3QW	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
ZH8KBZ	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17	NR	NR	NR		
ZHGZ6U	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
ZJ3X3Z	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
ZJ8UQH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
ZKFQW2	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
ZLCUW4	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					

TABLE 2

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

Item 1 - STR Results

ZLPQYN	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
ZLUDU2	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	-			-	
ZLZHDK	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
ZPCA37	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
ZQZKNP	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
ZUHVZC	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
ZWWPA4	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17	NR	NR	NR		

TABLE 2

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

Item 1 - STR Results

ZX3QVG	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
ZXT2RP	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
ZY388Y	GlobalFiler™ (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
ZYK3RL	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
ZZVN4N	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
1	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
ZZWCRT	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12,12	
1	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					

TABLE 2

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

Item 2 - STR Results

22LLAE	Identifiler® Plus, MiniFiler					
		17,23		14,16	8,12	
2	12,13	12			12	11
	15,16	13	28,30		X,Y	10,11
	23,27				7,9	8
	15,18					
236DP4	PowerPlex® ESX17, PPHS16 (GeneMapper ID v.3.2 software (Applied Biosystems))					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18					
23YACQ	GlobalFiler™ Express					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
26KFVG	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
27X8NY	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
28PPWR	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
2F67VT	GlobalFiler™ (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

2FJKBP	Investigator® 24plex QS					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11				
2JMFWD	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
2KXFE	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
2MMQQT	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
2NDP7C	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
2PQZMB	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
2TTDNN	Identifiler® Plus, MiniFiler					
		17,23		14,16	8,12	
2	12,13	12			12	11
	15,16	13	28,30		X,Y	10,11
	23,27				7,9	8
	15,18					

TABLE 2

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

Item 2 - STR Results

2XZH69	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
2YAGAQ	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	INC				
32GXGL	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
32WWGH	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
344VDQ	PowerPlex® Fusion (TrueAllele)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
34FEC3	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	-
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	-	-	18,18	7,9	8,8
	15,18	11	-	-	2	
37V2H3	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18,18	7,9	8,8
	15,18	11	16	19		

TABLE 2

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

Item 2 - STR Results

3CUJ6M	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
3CWYNF	Identifiler® Plus					
		17,23		14,16	8,12	
2	12,13	12,12			12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27				7,9	8,8
	15,18					
3EDFN8	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	Not Tested
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	Not Tested	Not Tested	18,18	7,9	8,8
	15,18	11	Not Tested	Not Tested	2	
3FTUX3	Investigator® 24plex GO!					
	15,16	17,23	10,11	14,16	8,12	N/A
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	16,16	X,Y	10,11
	23,27	N/A	N/A	18,18	7,9	8,8
	15,18	11	N/A	N/A	N/A	
3GCM9C	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
3JXUMK	PowerPlex® Fusion 6C DIRECT					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
3JZY8H	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				

TABLE 2

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

Item 2 - STR Results

3L9J7W	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
3P26U8	GlobalFiler™, Investigator® 24plex					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
3P2DFC	NGM					
	15,16	17,23	10,11	14,16		
2		12,12	13,14	15,19		11,11
	15,16	13,13	28,30	10,16	X,Y	
	23,27				7,9	
	15,18					
3PMCIB	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
3QEX8M	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
3RFZLC	PowerPlex® 21					
	15,16	17,23		14,16	8,12	18,19
2	12,13	12,12		15,19	12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18					
3RRZGL	PowerPlex® F6C Direct					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		

TABLE 2

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

Item 2 - STR Results

3T4L7M	Investigator® 24plex QS (reference standard)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11				
3Z4FAA	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
43MC86	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
43RRJK	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
44JQY4	Investigator® 24plex GO!					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11				
46AQJF	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
46DEDT	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

472NQM	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
47BE7L	PowerPlex® F6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
4B6LW2	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
4D4J6N	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
4EHJ8V	Investigator® 24plex GO!					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11				
4LMTNJ	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
4N9N4W	GlobalFiler™, MiniFiler					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

4RAF32	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
4V4AZ3	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
4XGADK	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
63BEPF	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
64B2G7	GlobalFiler™ PCR Amplification Kit					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
64CP4B	GlobalFiler™ Express					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
64H9EE	Identifiler® Plus					
		17,23		14,16	8,12	
2	12,13	12,12			12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27				7,9	8,8
	15,18					

TABLE 2

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

Item 2 - STR Results

66B7MK	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
678GLU	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
6AEXB4	PowerPlex® 6C, 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
6BRCWR	Identifiler® Plus					
		17,23		14,16	8,12	
2	12,13	12,12			12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27				7,9	8,8
	15,18					
6D2TBW	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
6EHYX2	PowerPlex® 21					
	15,16	17,23		14,16	8,12	18,19
2	12,13	12,12		15,19	12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18					
6FBW78	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

6FM434	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
6K8T4U	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
6LF6LV	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
6N6J4D	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
6NLQCG	PowerPlex® F6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
6PWGCK	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
6PY6YQ	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				

TABLE 2

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

Item 2 - STR Results

6QNPNB	Identifiler® Plus					
	-	17,23	-	14,16	8,12	-
2	12,13	12	-	-	12	11
	15,16	13	28,30	-	X,Y	10,11
	23,27	-	-	-	7,9	8
	15,18	-	-	-	-	
6RYMMJ	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
6U7VZB	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
6UABDB	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
6UK7Q3	Investigator® 24plex GO!					
	15,16	17,23	10,11	14,16	8,12	N/A
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	16,16	X,Y	10,11
	23,27	N/A	N/A	18,18	7,9	8,8
	15,18	11	N/A	N/A	N/A	
6ZBPL7	GlobalFiler™ PCR Amplification kit					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
6ZDD9B	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				

TABLE 2

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

Item 2 - STR Results

76NPYB	PowerPlex® F6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18,18	7,9	8,8
	15,18	11	16	19		
77BK6P	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
789LFN	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
793CJG	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
79JN2M	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
7AJ839	Identifiler® Plus, MiniFiler					
		17,23		14,16	8,12	
2	12,13	12			12	11
	15,16	13	28,30		X,Y	10,11
	23,27				7,9	8
	15,18					
7AW8ZX	PowerPlex® Fusion 5C, Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		

TABLE 2

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

Item 2 - STR Results

7B4JGZ	NGM SElect					
	15,16	17,23	10,11	14,16		
2		12,12	13,14	15,19		11,11
	15,16	13,13	28,30	10,16	X,Y	
	23,27			18,18	7,9	
	15,18					
7BCA3Q	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2		12,13	12	13,14	15,19	12
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
7CQ968	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2		12,13	12	13,14	15,19	12
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
7G2HC4	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2		12,13	12	13,14	15,19	12
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
7KNRRW	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2		12,13	12	13,14	15,19	12
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
7KWT9H	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2		12,13	12	13,14	15,19	12
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
7KXFVN	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2		12,13	12	13,14	15,19	12
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				

TABLE 2

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

Item 2 - STR Results

7LTPUC	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
7NJNBV	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
7NKZWL	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
7NLDGE	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
7PF9XV	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
7U8B4F	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
7UL2P6	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

7WE8HC	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
7X3UUZ	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
7YWHYN	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
82GTMK	PowerPlex® Fusion (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
83Y4XR	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
84R4NB	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
87CH8Y	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

89763B	PowerPlex® Fusion 6C (STRMix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18,18	7,9	8,8
	15,18	11	16	19		
89PGYF	PowerPlex® Fusion6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
89ZMPP	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
8ATY9Q	PowerPlex® Fusion (TrueAllele)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
8C3XUK	PowerPlex® Fusion (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
8DBZUX	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
8DC6WD	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				

TABLE 2

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

Item 2 - STR Results

8FJ6ED	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
8GT9TW	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
8H3D97	GlobalFiler™ PCR Amplification kit					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
8H42UQ	PowerPlex® Fusion (TrueAllele)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
8HM3HE	Investigator® 24plex					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11				
8HQ7AP	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
8HT6JK	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		

TABLE 2

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

Item 2 - STR Results

8JL4QR	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
8KCCQU	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
8NCMLU	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
8NYC6V	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
8REYN8	PowerPlex® 21					
	15,16	17,23		14,16	8,12	18,19
2	12,13	12,12		15,19	12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18					
8RXAEH	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
8UXMUU	Identifiler® Plus					
		17,23		14,16	8,12	
2	12,13	12,12			12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27				7,9	8,8
	15,18					

TABLE 2

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

Item 2 - STR Results

8VR9P7	GlobalFiler™, Investigator® 24plex					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
8WDKMK	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
8X3QMM	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
8YX6EM	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
8YZT2R	GlobalFiler™ (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
92R7D2	PowerPlex® Fusion 5C & 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
97EZUG	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

9BNTX8	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
9ELG73	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
9EQCVK	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
9GBFTD	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
9HKLX2	Identifiler® Plus, MiniFiler					
		17,23		14,16	8,12	
2	12,13	12			12	11
	15,16	13	28,30		X,Y	10,11
	23,27				7,9	8
	15,18					
9L4C3G	Investigator® 24plex QS					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11				
9MX2KC	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

9RC9VC	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
9T474J	Identifiler® Plus					
		17,23		14,16	8,12	
2	12,13	12,12			12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27				7,9	8,8
	15,18					
9T6WHE	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
9UXHVH	PowerPlex® Fusion 6C, Investigator® 24plex QS					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
9X47TF	PowerPlex® Fusion6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
9ZFCTU	Identifiler® Plus					
		17,23		14,16	8,12	
2	12,13	12,12			12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27				7,9	8,8
	15,18					
A2QJPV	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

A2T76N	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18	11				
A2V2LY	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
A3T3UC	PowerPlex® F6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
A4W2NR	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
A69PEJ	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
A8HMXR	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
A8XXLY	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

ACCL9G	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
ACTBGF	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
ACYDGM	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18,18	7,9	8,8
	15,18	11	16	19		
AD8ZYF	PowerPlex® F6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18,18	7,9	8,8
	15,18	11	16	19		
AE3HJ9	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
AEMWA8	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
AKP27X	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

AKUFGD	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
ALKLTW	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
ANMLTU	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
AQEDRZ	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
ATK2MB	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
AUE9PH	Identifiler® Plus					
		17,23		14,16	8,12	
2	12,13	12,12			12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27				7,9	8,8
	15,18					
AV7KA9	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				

TABLE 2

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

Item 2 - STR Results

AVABUQ	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
AVLNX9	Identifiler®					
		17,23		14,16	8,12	
2	12,13	12,12			12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27				7,9	8,8
	15,18					
AWGARZ	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
AXBW7P	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
AXT7W6	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
B24P9H	Identifiler® Plus					
		17,23		14,16	8,12	
2	12,13	12			12	11
	15,16	13	28,30		X,Y	10,11
	23,27				7,9	8
	15,18					
B2P8HJ	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				

TABLE 2

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

Item 2 - STR Results

B3XB4U	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
B6UQM8	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18,18	7,9	8,8
	15,18	11	16	19		
B8FL3K	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
B96VWX	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
BA994N	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
BAJ8YX	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
BBDTUA	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18,18	7,9	8,8
	15,18	11	16	19		

TABLE 2

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

Item 2 - STR Results

BGHNLW	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
BJEFXN	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
BKJPNE	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
BN3MC6	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
BPQ8UU	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
BQNKF2	GlobalFiler™ Express					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
BTFKNX	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				

TABLE 2

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

Item 2 - STR Results

BTHVG2	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
BURVJM	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
BV66WU	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18,18	7,9	8,8
	15,18	11	16	19		
BWY6ND	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
BWZTBH	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
BXQA7C	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
BZCFNG	GlobalFiler™ (STRmix 2.4)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

C2LQW7	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
C2MJVE	Identifiler® Plus					
		17,23		14,16	8,12	
2	12,13	12,12			12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27				7,9	8,8
	15,18					
C3HQBP	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
C4VDT4	Identifiler® Plus, MiniFiler					
		17,23		14,16	8,12	
2	12,13	12			12	11
	15,16	13	28,30		X,Y	10,11
	23,27				7,9	8
	15,18					
C7KLZK	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
CAJVK	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
CFL4BM	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		

TABLE 2

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

Item 2 - STR Results

CHPBN3	GlobalFiler™ PCR Amplification Kit					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
CHUP24	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
CHW4D9	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
CJ96GP	GlobalFiler™, MiniFiler					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
CJAVPT	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18	11				
CJYF2Q	Identifiler® Plus					
		17,23		14,16	8,12	
2	12,13	12,12			12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27				7,9	8,8
	15,18					
CLDNNX	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

CMA297	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
CPBADF	PowerPlex® Fusion (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
CRHM29	PowerPlex® Fusion6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
CVJ74N	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
CVLVB7	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
CWAWZA	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
CWECFV	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

CX9XB8	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18,18	7,9	8,8
	15,18	11	16	19		
CYJ8CX	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
CYUV9C	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
D2HLXN	GlobalFiler™ 1808086					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
D6J7ZT	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
D6X8GU	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
DDH6MV	Investigator® 24plex					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	16,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11				

TABLE 2

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

Item 2 - STR Results

DE8GDN	GlobalFiler™, MiniFiler					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
DFY3Y6	Investigator® 24plex QS					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11				
DGRFKQ	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
DNATJP	Identifiler® Plus					
		17,23		14,16	8,12	
2	12,13	12,12			12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27				7,9	8,8
	15,18					
DNRWZ3	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
DNYW7X	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
DR94FP	Identifiler® Plus					
		17,23		14,16	8,12	
2	12,13	12,12			12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27				7,9	8,8
	15,18					

TABLE 2

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

Item 2 - STR Results

DTM6HW	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
DUQK3A	PowerPlex® Fusion 6C (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
DVY8L4	PowerPlex® F6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18,18	7,9	8,8
	15,18	11	16	19		
DYAB36	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
DYTCP8	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18	11				
DZNXHY	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
DZQ62Y	PowerPlex® 21					
	15,16	17,23		14,16	8,12	18,19
2	12,13	12,12		15,19	12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18					

TABLE 2

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

Item 2 - STR Results

E2HFDD	GlobalFiler™ Express					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
E3TNJM	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
E42Z2N	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
E4KX4M	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	-
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	-	-	18,18	7,9	8,8
	15,18	11	-	-	2	
E4ZCDH	Identifiler®, MiniFiler					
		17,23		14,16	8,12	
2	12,13	12			12	11
	15,16	13	28,30		X,Y	10,11
	23,27				7,9	8
	15,18					
E6ZMTZ	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
E8MPK2	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

E9J7PB	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
E9XURX	PowerPlex® Fusion 5C, Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
EA74MF	PowerPlex® Fusion (TrueAllele)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
ECW33Y	Identifiler® Plus					
	-	17,23	-	14,16	8,12	-
2	12,13	12	-	-	12	11
	15,16	13	28,30	-	X,Y	10,11
	23,27	-	-	-	7,9	8
	15,18	-	-	-	-	
ECW6R4	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
ECYTAH	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
EDN2GX	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

EFWEYY	Identifiler® Plus					
	-	17,23	-	14,16	8,12	-
2	12,13	12	-	-	12	11
	15,16	13	28,30	-	X,Y	10,11
	23,27	-	-	-	7,9	8
	15,18	-	-	-	-	
EFYUJD	PowerPlex® Fusion (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
EGFG8E	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
EJLWLX	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
EKU327	GlobalFiler™ (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
EMH3ZW	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
ENEYLQ	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

EP4XFA	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
EPHH4D	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
EQRCXT	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
ER8TWR	Identifiler® Plus, MiniFiler					
		17,23		14,16	8,12	
2	12,13	12			12	11
	15,16	13	28,30		X,Y	10,11
	23,27				7,9	8
	15,18					
ERAAH6	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18	11				
ERAU36	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
EUK6BN	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

EVQU6K	GlobalFiler™						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12,12	13,14	15,19	12,12	11,11
		15,16	13,13	28,30	10,16	X,Y	10,11
		23,27			18,18	7,9	8,8
	15,18	11			2		
EVTGQ6	PowerPlex® Fusion						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27	13,14	11,16		7,9	8
	15,18	11					
EVV8WM	GlobalFiler™						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27			18	7,9	8
	15,18	11			2		
F2BRA6	PowerPlex® Fusion 6C Direct						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19			
F3TZNU	PowerPlex® Fusion 6C						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19			
F4EYP6	Investigator® 24plex QS						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12,12	13,14	15,19	12,12	11,11
		15,16	13,13	28,30	16,16	X,Y	10,11
		23,27			18,18	7,9	8,8
	15,18	11					
F748WL	Identifiler® Plus						
			17,23		14,16	8,12	
	2	12,13	12,12			12,12	11,11
		15,16	13,13	28,30		X,Y	10,11
		23,27				7,9	8,8
	15,18						

TABLE 2

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

Item 2 - STR Results

F9YF6A	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
FC94H7	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18	11				
FD6FHF	PowerPlex® Fusion (TrueAllele)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
FE3G9B	GlobalFiler™ Express					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
FEHRWH	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
FEK9HV	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
FEYGAP	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				

TABLE 2

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

Item 2 - STR Results

FGMPG6	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
FHFNPC	Identifiler® Plus					
		17,23		14,16	8,12	
2	12,13	12,12			12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27				7,9	8,8
	15,18					
FJFE48	PowerPlex® Fusion (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
FKMLX6	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
FLNPZB	NGM SElect					
	15,16	17,23	10,11	14,16		
2		12,12	13,14	15,19		11,11
	15,16	13,13	28,30	10,16	X,Y	
	23,27			18,18	7,9	
	15,18					
FLZL4U	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
FM78KF	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

FMCXQJ	GlobalFiler™					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12	13,14	15,19	12
		15,16	13	28,30	10,16	X,Y
		23,27			18	7,9
	15,18	11			2	
FMDKDN	GlobalFiler™					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12	13,14	15,19	12
		15,16	13	28,30	10,16	X,Y
		23,27			18	7,9
	15,18	11			2	
FMGM9H	PowerPlex® Fusion (STRmix)					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12	13,14	15,19	12
		15,16	13	28,30	10,16	X,Y
		23,[26],27	13,14	11,16		7,9
	15,18	11				
PPF8M2	GlobalFiler™					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12	13,14	15,19	12
		15,16	13	28,30	10,16	X,Y
		23,27			18	7,9
	15,18	11			2	
FRKHZ4	GlobalFiler™					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12,12	13,14	15,19	12,12
		15,16	13,13	28,30	10,16	X,Y
		23,27			18,18	7,9
	15,18	11			2	
FV4W46	Investigator® 24plex QS					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12,12	13,14	15,19	12,12
		15,16	13,13	28,30	16,16	X,Y
		23,27			18,18	7,9
	15,18	11				
FWFH37	PowerPlex® Fusion (STRmix)					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12,13	13,14	15,19	12
		15,16	13	28,30	10,16	X,Y
		23,27	13,14	11,16		7,9
	15,18	11				

TABLE 2

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

Item 2 - STR Results

FY2BVZ	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
G24KCW	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
G269Y2	PowerPlex® Fusion 6C, GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19	2	
G32RV2	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
G34H3J	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
G4HEH3	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
G4J6R7	PowerPlex® Fusion 6C Direct					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		

TABLE 2

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

Item 2 - STR Results

G68QBG	GlobalFiler™						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27			18	7,9	8
	15,18	11			2		
G6QMP3	Identifiler® Plus						
			17,23		14,16	8,12	
	2	12,13	12,12			12,12	11,11
		15,16	13,13	28,30		X,Y	10,11
		23,27				7,9	8,8
	15,18						
G9AJDR	GlobalFiler™						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27			18	7,9	8
	15,18	11			2		
GA2YPH	GlobalFiler™						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27			18	7,9	8
	15,18	11			2		
GAZB2D	Identifiler® Plus						
			17,23		14,16	8,12	
	2	12,13	12			12	11
		15,16	13	28,30		X,Y	10,11
		23,27				7,9	8
	15,18						
GDK8NH	PowerPlex® Fusion 5C						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12,12	13,14	15,19	12,12	11,11
		15,16	13,13	28,30	10,16	X,Y	10,11
		23,27	13,14	11,16		7,9	8,8
	15,18	11					
GDKRJ4	Identifiler® Plus (STRmix)						
			17,23		14,16	8,12	
	2	12,13	12,12			12,12	11,11
		15,16	13,13	28,30		X,Y	10,11
		23,27				7,9	8,8
	15,18						

TABLE 2

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

Item 2 - STR Results

GEJCFX	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
GFNZFV	GlobalFiler™ PCR Amplification kit					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
GJCDER	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
GMCAVQ	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
GN6FG7	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
GPWNF9	in-house multiplex					
	15,16		10,11	14,16		
2		12,12	13,14	15,19		11,11
	15,16		28,30	10,16	X,Y	
	23,27			18,18	7,9	8,8
	15,18					
GPXC4E	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

GRH8JR	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
GRMMWT	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
GRZJYC	PowerPlex® Fusion (TrueAllele)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
GTE8WB	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
GUDHH7	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
GV2D9E	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
GVYPKA	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	12,1,13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

GXNYTP	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
GY2QK7	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
H29PVK	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
H6PJKD	PowerPlex® F6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
H7CGHH	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
H876W7	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18	11				
H92HM7	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

HA2G7E	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
HBN3QN	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18	11				
HBUECY	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
HC6WAG	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
HEC7M8	GlobalFiler™ (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
HGECZM	PowerPlex® 5C, 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
HGW23K	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

HHTD3U	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
HMPYX3	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
HND7RT	GlobalFiler™ Amplification Kit					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
HQ7XYX	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
HQQH7Q	Investigator® 24plex QS					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11				
HVZX9M	PowerPlex® Fusion (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
HXJ78M	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

HYGQEZ	GlobalFiler™					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12	13,14	15,19	12
		15,16	13	28,30	10,16	X,Y
		23,27			18	7,9
	15,18	11			2	
J2NAYU	GlobalFiler™					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12	13,14	15,19	12
		15,16	13	28,30	10,16	X,Y
		23,27			18	7,9
	15,18	11			2	
J7YXJ7	PowerPlex® Fusion					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12	13,14	15,19	12
		15,16	13	28,30	10,16	X,Y
		23,27	13,14	11,16		7,9
	15,18	11				
J88A28	PowerPlex® Fusion 5C					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12	13,14	15,19	12
		15,16	13	28,30	10,16	X,Y
		23,27	13,14	11,16		7,9
	15,18	11				
J8TJEH	PowerPlex® Fusion					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12	13,14	15,19	12
		15,16	13	28,30	10,16	X,Y
		23,27	13,14	11,16		7,9
	15,18	11				
J9Z2BT	GlobalFiler™					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12	13,14	15,19	12
		15,16	13	28,30	10,16	X,Y
		23,27			18	7,9
	15,18	11			2	
JAEV4T	GlobalFiler™					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12,12	13,14	15,19	12,12
		15,16	13,13	28,30	10,16	X,Y
		23,27			18,18	7,9
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

JAHD7X	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
JAYYU2	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
JB9U6C	GlobalFiler™ (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
JBUM76	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
JCWRBC	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
JEBE9C	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
JHMMAG	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	[7],9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

JJZKL8	NGM SElect, MiniFiler					
	15,16	17,23	10,11	14,16		
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	
	15,18					
JN3V2M	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
JPBZGW	PowerPlex® 21					
	15,16	17,23		14,16	8,12	18,19
2	12,13	12,12		15,19	12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18					
JQMC78	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
JRUQE9	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	INC				
JRZANC	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
JTLUX9	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

JTNHJT	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
JTQ6XL	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
JY3EK3	GlobalFiler™ (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
JYRDAF	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
JYZPEJ	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
K42V62	GlobalFiler™ (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
K8QUH6	Investigator® 24plex QS					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11				

TABLE 2

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

Item 2 - STR Results

K9F3QK	GlobalFiler™ Direct					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12	13,14	15,19	12
		15,16	13	28,30	10,16	X,Y
		23,27			18	7,9
	15,18	11			2	
K9GVNT	GlobalFiler™ (STRmix)					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12,12	13,14	15,19	12,12
		15,16	13,13	28,30	10,16	X,Y
		23,27			18,18	7,9
	15,18	11			2	
KE96XQ	GlobalFiler™					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12,12	13,14	15,19	12,12
		15,16	13,13	28,30	10,16	X,Y
		23,27			18,18	7,9
	15,18	11			2	
KFEURM	GlobalFiler™					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12,12	13,14	15,19	12,12
		15,16	13,13	28,30	10,16	X,Y
		23,27			18,18	7,9
	15,18	11			2	
KGE3CM	Investigator® 24plex QS					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12,12	13,14	15,19	12,12
		15,16	13,13	28,30	10,16	X,Y
		23,27			18,18	7,9
	15,18	11			2	
KJVLWH	GlobalFiler™					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12	13,14	15,19	12
		15,16	13	28,30	10,16	X,Y
		23,27			18	7,9
	15,18	11			2	
KMZKKA	GlobalFiler™					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12,12	13,14	15,19	12,12
		15,16	13,13	28,30	10,16	X,Y
		23,27			18,18	7,9
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

KQD694	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
KQTFWB	Identifiler® Plus					
		17,23		14,16	8,12	
2	12,13	12			12	11
	15,16	13	28,30		X,Y	10,11
	23,27				7,9	8
	15,18					
KR4D88	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
KUTNZL	Identifiler® Plus					
		17,23		14,16	8,12	
2	12,13	12			12	11
	15,16	13	28,30		X,Y	10,11
	23,27				7,9	8
	15,18					
KUUCNQ	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
KVCY6Q	PowerPlex® 21					
	15,16	17,23		14,16	8,12	18,19
2	12,13	12,12		15,19	12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18					
KW4EH3	PowerPlex® Fusion 5					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	13,27	13,14	11,16		7,9	8
	15,18	11				

TABLE 2

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

Item 2 - STR Results

KX29C8	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
KXBLV4	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
KXJ28P	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
KZHYGB	PowerPlex® Fusion (TrueAllele)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
L3NBXH	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18,18	7,9	8,8
	15,18	11	16	19		
L3NWB4	PowerPlex® Fusion (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
L3QJU4	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				

TABLE 2

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

Item 2 - STR Results

L4CGR9	Identifiler® Plus					
		17,23		14,16	8,12	
2	12,13	12			12	11
	15,16	13	28,30		X,Y	10,11
	23,27				7,9	8
	15,18					
L6WWNX	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
L8VEDD	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18	11				
L9UELQ	GlobalFiler™, Investigator® 24plex					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
L9ULWH	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
LA672L	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
LCUQHQ	PowerPlex® Fusion 5C, 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		

TABLE 2

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

Item 2 - STR Results

LD89P3	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
LDAE6H	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
LDQ2GY	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
LE2UKE	PowerPlex® Fusion (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
LE63J7	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
LEY6CB	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
LFQEWC	Identifiler® Plus					
		17,23		14,16	8,12	
2	12,13	12,12			12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27				7,9	8,8
	15,18					

TABLE 2

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

Item 2 - STR Results

LMHWWN	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
LN2UMK	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
LNQYRY	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
LRH238	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	INC				
LT2WU	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
LTLXY3	Investigator® 24plex QS					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11				
LVB88J	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

LVLU3X	GlobalFiler™						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12,12	13,14	15,19	12,12	11,11
		15,16	13,13	28,30	10,16	X,Y	10,11
		23,27			18,18	7,9	8,8
	15,18	11			2		
LWC34L	Identifiler® Plus, MiniFiler						
			17,23		14,16	8,12	
	2	12,13	12			12	11
		15,16	13	28,30		X,Y	10,11
		23,27				7,9	8
	15,18						
LY94HQ	PowerPlex® Fusion						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27	13,14	11,16		7,9	8
	15,18	11					
LZ8QB3	Investigator® 24plex QS						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	16	X,Y	10,11
		23,27			18	7,9	8
	15,18	11					
M37ZMB	PowerPlex® Fusion 5C (STRMix)						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27	13,14	11,16		7,9	8
	15,18	11					
M4HBN2	GlobalFiler™						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27			18	7,9	8
	15,18	11			2		
MC9FBV	PowerPlex® Fusion						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27	13,14	11,16		7,9	8
	15,18	11					

TABLE 2

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

Item 2 - STR Results

MEBB3K	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
MHBJ7V	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
MK2T9A	PowerPlex® Fusion 5C (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
MKZWND	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
MN27RR	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
MQC8AY	PowerPlex® Fusion DIRECT					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
MTBDZJ	Identifiler® Plus, MiniFiler					
		17,23		14,16	8,12	
2	12,13	12			12	11
	15,16	13	28,30		X,Y	10,11
	23,27				7,9	8
	15,18					

TABLE 2

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

Item 2 - STR Results

MUCVUA	PowerPlex® Fusion 5C (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
MXDT7	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
MZE99J	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
N26JTK	Identifiler® Plus, MiniFiler					
		17,23		14,16	8,12	
2	12,13	12			12	11
	15,16	13	28,30		X,Y	10,11
	23,27				7,9	8
	15,18					
N2MPY3	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
N3C2RG	Investigator® 24plex GO					
	15,16	17,23	10,11	14,16	8,12	N/A
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	16,16	X,Y	10,11
	23,27	N/A	N/A	18,18	7,9	8,8
	15,18	11	N/A	N/A	N/A	
N3JJVR	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

N4DPFL	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
N4M3DF	Identifiler® Plus					
		17,23		14,16	8,12	
2	12,13	12,12			12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27				7,9	8,8
	15,18					
N4UJWT	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
N4VMZY	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
N64WEP	GlobalFiler™ PCR Amplification Kit					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
N6NK87	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
N7M9JU	Identifiler® Plus					
		17,23		14,16	8,12	
2	12,13	12,12			12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27				7,9	8,8
	15,18					

TABLE 2

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

Item 2 - STR Results

N9CGQB	Investigator® 24plex					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11				
NAFEVC	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
NDW9Q7	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	INC				
NF84JP	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
NF9G2W	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
NFMZNE	GlobalFiler™ Direct					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
NFN7E6	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		

TABLE 2

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

Item 2 - STR Results

NHA2UH	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
NKKY8Y	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
NL3GPH	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	-
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	-	-	18,18	7,9	8,8
	15,18	11	-	-	2	
NMNUMV	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
NPAGG4	GlobalFiler™, MiniFiler					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
NPC4YH	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
NRVCXH	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

NTE62Z	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
NWU697	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
NXRP72	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
NZER4E	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
NZQC84	PowerPlex® Fusion (STRMix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	INC				
NZURQV	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18	11				
P2KB8M	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

P2XU7Y	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
P6L87V	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
PB6V3J	IDplexPlus					
		17,23		14,16	8,12	
2	12,13	12,12			12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27				7,9	8,8
	15,18					
PC44YP	PowerPlex® 21					
	15,16	17,23		14,16	8,12	18,19
2	12,13	12,12		15,19	12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18					
PCGDHJ	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
PCNGB3	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
PE9DQF	GlobalFiler™ Plus					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

PF4LP4	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
PGH28C	PowerPlex® F6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
PGUK6M	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
PHXZQ2	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
PJLJL	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
PK9WN6	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
PMMHZ7	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18,18	7,9	8,8
	15,18	11	16	19		

TABLE 2

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

Item 2 - STR Results

PRA3HL	GlobalFiler™ PCR Amplification kit					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11,11			2	
PW8MDH	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
PYDZAY	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
PZPK9Z	PowerPlex® Fusion (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
Q227RF	PowerPlex® PP21					
	15,16	17,23		14,16	8,12	18,19
2	12,13	12,12		15,19	12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18					
Q2JCQ6	GlobalFiler™ (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
Q2TW99	PowerPlex® Fusion 6C, GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19	2	

TABLE 2

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

Item 2 - STR Results

Q2XP73	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
Q3TVHA	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
Q3U4W2	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
Q4PNKZ	Investigator® 24plex QS					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11				
Q7RBVX	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
Q82E82	Identifiler® Plus					
		17,23		14,16	8,12	
2	12,13	12			12	11
	15,16	13	28,30		X,Y	10,11
	23,27				7,9	8
	15,18					
QAB48Q	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18,18	7,9	8,8
	15,18	11	16	19		

TABLE 2

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

Item 2 - STR Results

QB234G	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	-
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	-	-	18,18	7,9	8,8
	15,18	11	-	-	2	
QBXYD7	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
QDPXUP	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
QKMMBU	Investigator® 24plex					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	16,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11				
QL282J	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
QLPWHY	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
QMWFV9	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

QNBHD8	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
QPJEG7	PowerPlex® Fusion 5C (TrueAllele)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
QPYKUA	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
QRB7VW	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
QT8U2Y	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
QUH43P	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
QUYRA7	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				

TABLE 2

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

Item 2 - STR Results

QVW4AF	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
QWHN2C	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
QWN2GL	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
QYQ2GJ	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
R3AWW2	GlobalFiler™ (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
R4MFVD	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
R4Y9PF	Investigator® 24plex GO!					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11				

TABLE 2

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

Item 2 - STR Results

R829PC	GlobalFiler™ Direct					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
RC6M6G	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	NT
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	NT	NT	18,18	7,9	8,8
	15,18	11	NT	NT	2	
RCUDGV	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
RD2WH8	Identifiler® Plus					
		17,23		14,16	8,12	
2	12,13	12,12			12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27				7,9	8,8
	15,18					
RFFWKE	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,[18]	11			2	
RL2HGL	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
RLFTC7	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

RM74X8	PowerPlex® Fusion 5C, GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11			2	
RMQY6	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
RN9HY8	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
RNN48N	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
RNZPTJ	PowerPlex® Fusion 6C, 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
RPBREH	PowerPlex® Fusion 6C, 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
RT2Q2T	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18	11				

TABLE 2

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

Item 2 - STR Results

RY4Z7Z	GlobalFiler™						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12,12	13,14	15,19	12,12	11,11
		15,16	13,13	28,30	10,16	X,Y	10,11
		23,27			18,18	7,9	8,8
	15,18	11			2		
RZZWRU	GlobalFiler™						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27			18	7,9	8
	15,18	11			2		
T2P72G	GlobalFiler™						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27			18	7,9	8
	15,18	11			2		
T38GBN	GlobalFiler™						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27			18	7,9	8
	15,18	11			2		
T6AD2H	PowerPlex® Fusion 5C						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27	13,14	11,16		7,9	8
	15,18	11					
T6QZ6D	PowerPlex® Fusion 6C						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19			
T74RZF	GlobalFiler™						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27			18	7,9	8
	15,18	11			2		

TABLE 2

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

Item 2 - STR Results

T7JYDK	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
T7QYL2	PowerPlex® F6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
T8CWJ7	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
T8YK38	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
T936MF	Identifiler® Plus, MiniFiler					
		17,23		14,16	8,12	
2	12,13	12			12	11
	15,16	13	28,30		X,Y	10,11
	23,27				7,9	8
	15,18					
TCBL8B	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
TFRWEM	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

TH2Y9Y	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
TMP6JA	PowerPlex® Fusion (TrueAllele)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
TMWNWX	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
TNKUYN	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18,18	7,9	8,8
	15,18	11	16	19		
TRHDWG	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
TRWZY4	Identifiler®, MiniFiler					
		17,23		14,16	8,12	
2	12,13	12			12	11
	15,16	13	28,30		X,Y	10,11
	23,27				7,9	8
	15,18					
TTDZ9K	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

TTU28F	GlobalFiler™						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27			18	7,9	8
		15,18	11			2	
TU7PML	GlobalFiler™ PCR Amplification Kit						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12,12	13,14	15,19	12,12	11,11
		15,16	13,13	28,30	10,16	X,Y	10,11
		23,27			18,18	7,9	8,8
		15,18	11			2	
TUNPQB	GlobalFiler™						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27			18	7,9	8
		15,18	11			2	
TWEYRP	PowerPlex® Fusion 6C						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12,12	13,14	15,19	12,12	11,11
		15,16	13,13	28,30	10,16	X,Y	10,11
		23,27	13,14	11,16	18,18	7,9	8,8
		15,18	11	16	19		
TWXD88	GlobalFiler™						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27			18	7,9	8
		15,18	11			2	
TXN8HC	Investigator® 24plex GO!						
		15,16	17,23	10,11	14,16	8,12	N/A
	2	12,13	12,12	13,14	15,19	12,12	11,11
		15,16	13,13	28,30	16,16	X,Y	10,11
		23,27	N/A	N/A	18,18	7,9	8,8
		15,18	11	N/A	N/A	N/A	
TYK9WF	PowerPlex® Fusion						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27	13,14	11,16		7,9	8
		15,18	11				

TABLE 2

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

Item 2 - STR Results

TZFWB6	GlobalFiler™					
		15,16	[17],23	10,[11]	14,16	8,12
	2	12,13	12	[13],14	15,19	12
		15,[16]	13	28,30	10,[16]	X,Y
		[23],[27]			18	7,[9]
	15,[18]	[11]			2	
U3KXWN	PowerPlex® Fusion					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12	13,14	15,19	12
		15,16	13	28,30	10,16	X,Y
		23,27	13,14	11,16		7,9
	15,18	11				
U68JJJ	GlobalFiler™					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12	13,14	15,19	12
		15,16	13	28,30	10,16	X,Y
		23,27			18	7,9
	15,18	11			2	
U94C99	PowerPlex® Fusion					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12	13,14	15,19	12
		15,16	13	28,30	10,16	X,Y
		23,27	13,14	11,16		7,9
	15,18	11				
UACEB7	GlobalFiler™					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12,12	13,14	15,19	12,12
		15,16	13,13	28,30	10,16	X,Y
		23,27			18,18	7,9
	15,18	11			2	
UC7TM9	GlobalFiler™					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12,12	13,14	15,19	12,12
		15,16	13,13	28,30	10,16	X,Y
		23,27			18,18	7,9
	15,18	11			2	
UDCKUH	GlobalFiler™					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12,12	13,14	15,19	12,12
		15,16	13,13	28,30	10,16	X,Y
		23,27			18,18	7,9
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

UDULH7	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
UGYNQ2	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
UKL8RY	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
UKU4XH	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
ULUHQN	Identifiler® Plus					
		17,23		14,16	8,12	
2	12,13	12,12			12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27				7,9	8,8
	15,18					
UM4KCM	Identifiler® Plus					
		17,23		14,16	8,12	
2	12,13	12,12			12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27				7,9	8,8
	15,18					
UM9RVH	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

UNHRX4	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
UTEEVX	GlobalFiler™ Express					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
UTP2PR	Investigator® 24plex					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11				
UTXKT3	GlobalFiler™ (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
UU9BVR	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
V3HVV3	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
V89XG9	Identifiler® Plus					
		17,23		14,16	8,12	
2	12,13	12,12			12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27				7,9	8,8
	15,18					

TABLE 2

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

Item 2 - STR Results

V9K8RZ	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
VB8FLF	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
VCJ2CH	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
VCKUAP	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18	11				
VJL798	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
VKUHMN	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18	11				
VLCTXV	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

VMKH48	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
VNTVPF	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
VNXFT4	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
VP2ZU4	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18	11				
VPB8LK	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
VQ3R3X	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
VQYDEB	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

VTQJJM	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
VUZ4DB	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
VW7AMW	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
VYXKP6	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
W2DH8R	PowerPlex® Fusion Direct					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18	11				
W9G2RG	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
WCXG4U	GlobalFiler™ Express					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

WEAYJT	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
WG6J2D	PowerPlex® Fusion 5C, Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
WLJ6ZC	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
WMYUAW	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
WN432M	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18	11				
WN8PFF	PowerPlex® Fusion 5C and 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
WQTC94	Identifiler®					
		17,23		14,16	8,12	
2	12,13	12			12	11
	15,16	13	28,30		X,Y	10,11
	23,27				7,9	8
	15,18					

TABLE 2

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

Item 2 - STR Results

WRRGZJ	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18,18	7,9	8,8
	15,18	11	16	19		
WTZMBY	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
WU3NJW	GlobalFiler™ Express					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
WUXNLW	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
WVRZCB	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
WWF74F	GlobalFiler™ Express					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
WX26PY	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

WYQXLW	GlobalFiler™					
2	15,16	17,23	10,11	14,16	8,12	
	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
WZ6XPP	PowerPlex® Fusion 6C (STRmix)					
2	15,16	17,23	10,11	14,16	8,12	
	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
X2PMD4	GlobalFiler™					
2	15,16	17,23	10,11	14,16	8,12	
	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
X3QGB2	GlobalFiler™					
2	15,16	17,23	10,11	14,16	8,12	
	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
X4W6BY	PowerPlex® Fusion 5C					
2	15,16	17,23	10,11	14,16	8,12	
	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18	11				
X76CHY	PowerPlex® 21					
2	15,16	17,23		14,16	8,12	18,19
	12,13	12,12		15,19	12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18					
X7PR82	GlobalFiler™					
2	15,16	17,23	10,11	14,16	8,12	
	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

X8HQE9	PowerPlex® Fusion						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12,12	13,14	15,19	12,12	11,11
		15,16	13,13	28,30	10,16	X,Y	10,11
		23,27	13,14	11,16		7,9	8,8
	15,18	11					
X9E2EH	PowerPlex® Fusion						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27	13,14	11,16		7,9	8
	15,18	11					
XCEZFE	PowerPlex® Fusion 5C						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27	13,14	11,16		7,9	8
	15,18	11					
XCF69P	PowerPlex® Fusion 6C						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19			
XDNRPV	GlobalFiler™						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27			18	7,9	8
	15,18	11			2		
XEKYL2	PowerPlex® Fusion						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12	13,14	15,19	12	11
		15,16	13	28,30	10,16	X,Y	10,11
		23,27	13,14	11,16		7,9	8
	15,18	11					
XEZ2N3	GlobalFiler™						
		15,16	17,23	10,11	14,16	8,12	
	2	12,13	12,12	13,14	15,19	12,12	11,11
		15,16	13,13	28,30	10,16	X,Y	10,11
		23,27			18,18	7,9	8,8
	15,18	11			2		

TABLE 2

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

Item 2 - STR Results

XH4UNT	PowerPlex® Fusion (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
XHZAWJ	PowerPlex® Fusion 5					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
XLPWQD	PowerPlex® PowerPlex®21					
	15,16	17,23		14,16	8,12	18,19
2	12,13	12,12		15,19	12,12	11,11
	15,16	13,13	28,30		X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18					
XMG32C	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
XQAUZF	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
XRJWEY	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
XTK44R	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

XUX7YL	PowerPlex® Fusion					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12	13,14	15,19	12
		15,16	13	28,30	10,16	X,Y
		23,27	13,14	11,16		7,9
	15,18	11				
XVB7AF	GlobalFiler™					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12,12	13,14	15,19	12,12
		15,16	13,13	28,30	10,16	X,Y
		23,27			18,18	7,9
	15,18	11			2	
XVLRG	GlobalFiler™					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12	13,14	15,19	12
		15,16	13	28,30	10,16	X,Y
		23,27			18	7,9
	15,18	11			2	
XYNM6K	Identifiler® Plus (STRMix)					
			17,23		14,16	8,12
	2	12,13	12,12			12,12
		15,16	13,13	28,30		X,Y
		23,27				7,9
	15,18					
XYYK8F	PowerPlex® ESX 17 Fast					
		15,16	17,23	10,11	14,16	
	2		12,12	13,14	15,19	11,11
		15,16	13,13	28,30	10,16	X,Y
		23,27			18,18	7,9
	15,18					
XZGHUD	GlobalFiler™					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12,12	13,14	15,19	12,12
		15,16	13,13	28,30	10,16	X,Y
		23,27			18,18	7,9
	15,18	11			2	
XZKVLG	PowerPlex® Fusion					
		15,16	17,23	10,11	14,16	8,12
	2	12,13	12	13,14	15,19	12
		15,16	13	28,30	10,16	X,Y
		23,27	13,14	11,16		7,9
	15,18	11				

TABLE 2

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

Item 2 - STR Results

XZZ9UL	Identifiler®, PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18	11				
Y728HF	GlobalFiler™ (TrueAllele)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
Y8UCEE	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
Y97N4Q	PowerPlex® Fusion					
	15,16	17,22,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18	11				
Y9XTZT	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
YCRBYY	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
YD69G4	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

YFANJM	PowerPlex® Fusion 5C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
YFPA7N	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
YGYT6E	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
YJCUA8	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
YLBQJT	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
YLXF3U	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
YN3QYC	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

YNZ3C8	Identifiler® Plus, MiniFiler					
		17,23		14,16	8,12	
2	12,13	12			12	11
	15,16	13	28,30		X,Y	10,11
	23,27				7,9	8
	15,18					
YTDZNZ	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
YUDB74	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
YXUA7X	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
YZATZZ	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
Z3ELRE	PowerPlex® Fusion, 21, Verifiler					
	15,16	17,23	10,11	14,16	8,12	11,11
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18	11,11			2	
Z6LEMJ	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	

TABLE 2

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

Item 2 - STR Results

Z6YJVB	GlobalFiler™ Amplification Kit					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
Z7HZC4	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
Z8CPGW	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
Z9RC88	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
ZCJXHG	Identifiler®, PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18	11				
ZDF9HP	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
ZFP3QW	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		

TABLE 2

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

Item 2 - STR Results

ZH8KBZ	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
ZHGZ6U	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
ZJ3X3Z	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
ZJ8UQH	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
ZKFQW2	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
ZLCUW4	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				
ZLPQYN	PowerPlex® Fusion					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				

TABLE 2

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

Item 2 - STR Results

ZLUDU2	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
ZLZHDK	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
ZPCA37	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
ZQZNP	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
ZUHVZC	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27			18,18	7,9	8,8
	15,18	11			2	
ZWWPA4	PowerPlex® Fusion 6C					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16	18	7,9	8
	15,18	11	16	19		
ZX3QVG	PowerPlex® Fusion (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8
	15,18	11				

TABLE 2

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

Item 2 - STR Results

ZXT2RP	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
ZY388Y	GlobalFiler™ (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
ZYK3RL	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
ZZVN4N	GlobalFiler™					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12	13,14	15,19	12	11
	15,16	13	28,30	10,16	X,Y	10,11
	23,27			18	7,9	8
	15,18	11			2	
ZZWCRT	PowerPlex® Fusion (STRmix)					
	15,16	17,23	10,11	14,16	8,12	
2	12,13	12,12	13,14	15,19	12,12	11,11
	15,16	13,13	28,30	10,16	X,Y	10,11
	23,27	13,14	11,16		7,9	8,8
	15,18	11				

TABLE 2

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

Item 3 - STR Results

22LLAE	Identifiler® Plus					
		17,18		16,17	12	
3	11,12	12,13			10,11	12
	17,18	12,13	29,30		X	10,12
	20				6,9.3	8
	16,17					
236DP4	PowerPlex® ESX17, PPHS16 (GeneMapper ID v.3.2 software (Applied Biosystems))					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
23YACQ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
26KFVG	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
27X8NY	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
28PPWR	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20			22.2,28.2	6,9.3	8,8
	16,17					
2F67VT	GlobalFiler™ (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

2FJKBP	Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
2JMFWD	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
2KXFE	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
2MMQQT	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
2NDP7C	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
2PQZMB	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
2TTDNN	Identifiler® Plus					
		17,18		16,17	12	
3	11,12	12,13			10,11	12
	17,18	12,13	29,30		X	10,12
	20				6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

2YAGAQ	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	INC				
32GXGL	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
32WWGH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
344VDQ	PowerPlex® Fusion (TrueAllele)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
34FEC3	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	-
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20	-	-	22.2,28.2	6,9.3	8,8
	16,17	-	-	-	-	
37V2H3	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
3CUJ6M	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

3EDFN8	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	Not Tested
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	Not Tested	Not Tested	22.2,28.2	6,9.3	8,8
	16,17	NR	Not Tested	Not Tested	NR	
3FTUX3	Identifiler®, Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12,12	N/A
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	N/A	N/A	22.2,28.2	6,9.3	8,8
	16,17	N/A	N/A	N/A	N/A	
3GCM9C	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
3JXUMK	PowerPlex® Fusion 6C (STRMIX)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
3JZY8H	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
3L9J7W	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
3P26U8	GlobalFiler™, Investigator® 24plex					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

3P2DFC	NGM					
	12,15.3	17,18	10,11	16,17		
3		12,13	14,14	16,22		12,12
	17,18	12,13	29,30	15,16	X,X	
	20,20				6,9.3	
	16,17					
3PMCIB	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3		12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
3QEX8M	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3		12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
3RFZLC	PowerPlex® 21					
	12,15.3	17,18		16,17	12,12	14,18
3		12,13		16,22	10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
3RRZGL	PowerPlex® F6C (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3		12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
3T4L7M	Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12	
3		12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
3Z4FAA	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3		12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

43MC86	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
43RRJK	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
44JQY4	Investigator® 24plex					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
46AQJF	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
46DEDT	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-	
472NQM	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
47BE7L	PowerPlex® F6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

4B6LW2	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
4D4J6N	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
4EHJ8V	Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR				
4LMTNJ	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
4N9N4W	GlobalFiler™, MiniFiler					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NO RESULTS			NO RESULTS	
4RAF32	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
4V4AZ3	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 3 - STR Results

4XGADK	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
63BEPF	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
64B2G7	GlobalFiler™ PCR Amplification Kit					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
64CP4B	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
64H9EE	Identifiler® Plus					
		17,18		16,17	12,12	
3	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
66B7MK	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
678GLU	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	No Results			No Results	

TABLE 2

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

Item 3 - STR Results

6AEXB4	PowerPlex® 5C, 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
6BRCWR	Identifiler® Plus					
		17,18		16,17	12,12	
3	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
6D2TBW	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
6EHYX2	PowerPlex® 21					
	12,15.3	17,18		16,17	12,12	14,18
3	11,12	12,13		16,22	10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
6FBW78	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
6FM434	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
6K8T4U	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	

TABLE 2

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

Item 3 - STR Results

6LF6LV	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
6N6J4D	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
6NLQCG	PowerPlex® F6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
6PWGCK	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
6PY6YQ	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
6QNPBN	Identifiler® Plus					
	-	17,18	-	16,17	12	-
3	11,12	12,13	-	-	10,11	12
	17,18	12,13	29,30	-	X,X	10,12
	20	-	-	-	6,9.3	8
	16,17	-	-	-	-	
6RYMMJ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 3 - STR Results

6U7VZB	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
6UABDB	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
6UK7Q3	Identifiler®, Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12,12	N/A
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20	N/A	N/A	22.2,28.2	6,9.3	8,8
	16,17	N/A	N/A	N/A	N/A	
6ZBPL7	GlobalFiler™ PCR Amplification kit					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
6ZDD9B	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
76NPYB	PowerPlex® F6C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
77BK6P	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

789LFN	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
793CJG	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
79JN2M	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
7AJ839	Identifiler® Plus					
		17,18		16,17	12	
3	11,12	12,13			10,11	12
	17,18	12,13	29,30		X	10,12
	20				6,9.3	8
	16,17					
7AW8ZX	PowerPlex® Fusion 5C, Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
7B4JGZ	NGM SSelect					
	12,15.3	17,18	10,11	16,17		
3		12,13	14,14	16,22		12,12
	17,18	12,13	29,30	15,16	X,X	
	20,20			22.2,28.2	6,9.3	
	16,17					
7BCA3Q	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

7CQ968	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
7KNRRW	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17	NR	NR	NR		
7KWT9H	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
7KXFVN	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
7LTPUC	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
7NJNBV	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
7NKZWL	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

7NLDGE	Identifiler®					
		17,18		16,17	12,12	
3	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
7U8B4F	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
7UL2P6	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
7X3UUZ	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
7YWHYN	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	NR				
82GTMK	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
83Y4XR	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	

TABLE 2

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

Item 3 - STR Results

84R4NB	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
87CH8Y	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
89763B	PowerPlex® Fusion 6C (STRMix)					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
89PGYF	Identifiler® Plus, PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
89ZMPP	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
8ATY9Q	PowerPlex® Fusion (TrueAllele)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
8C3XUK	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

8DBZUX	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
8DC6WD	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
8FJ6ED	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
8GT9TW	PowerPlex® Fusion, MiniFiler					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	NR				
8H3D97	GlobalFiler™ PCR Amplification kit					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
8H42UQ	PowerPlex® Fusion (TrueAllele)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
8HM3HE	Investigator® 24plex					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

8HQ7AP	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	No Results			No Results	
8HT6JK	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
8JL4QR	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
8KCCQU	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
8NCMLU	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
8NYC6V	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
8REYN8	PowerPlex® 21					
	12,15.3	17,18		16,17	12,12	14,18
3	11,12	12,13		16,22	10,11	12,12
	17,18	12,13	29,30		XX	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					

TABLE 2

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

Item 3 - STR Results

8RXAEH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
8UXMUU	Identifiler® Plus					
		17,18		16,17	12,12	
3	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
8VR9P7	GlobalFiler™, Investigator® 24plex					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
8WDKMK	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
8X3QMM	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
8YX6EM	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
8YZT2R	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	

TABLE 2

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

Item 3 - STR Results

92R7D2	PowerPlex® Fusion 5C & 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
97EZUG	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
9BNTX8	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X,X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
9ELG73	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
9EQCVK	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
9GBFTD	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
9L4C3G	Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

9MX2KC	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
9RC9VC	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
9T6WHE	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
9UXHVH	Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
9X47TF	PowerPlex® Fusion6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
9ZFCTU	Identifiler® Plus					
		17,18		16,17	12,12	
3	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
A2QJPV	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-	

TABLE 2

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

Item 3 - STR Results

A2T76N	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
A2V2LY	PowerPlex® Fusion 6					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
A3T3UC	PowerPlex® F6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
A4W2NR	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
A69PEJ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
A8HMXR	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
A8XXLY	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12,[13]	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	

TABLE 2

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

Item 3 - STR Results

ACCL9G	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
ACTBGF	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
ACYDGM	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17	ND	ND	ND		
AD8ZYF	PowerPlex® F6C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
AE3HJ9	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
AEMWA8	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
AKP27X	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

AKUFGD	PowerPlex® Fusion 6C (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
ALKLTW	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
ANMLTU	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
AQEDRZ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
ATK2MB	Identifiler®					
		17,18		16,17	12,12	
3	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
AV7KA9	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
AVABUQ	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

AVLNX9	Identifiler®					
		17,18		16,17	12,12	
3	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
AWGARZ	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
AXBW7P	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
AXT7W6	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
B24P9H	Identifiler® Plus					
		17,18		16,17	12	
3	11,12	12,13			10,11	12
	17,18	12,13	29,30		X,X	10,12
	20				6,9.3	8
	16,17					
B3XB4U	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	No Results			No Results	
B6UQM8	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 3 - STR Results

B8FL3K	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
B96WVX	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
BA994N	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
BAJ8YX	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
BBDTUA	PowerPlex® Fusion 6C (STRmix)					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
BGHNLW	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
BJEFXN	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

BKJPNE	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
BN3MC6	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
BPQ8UU	PowerPlex® Fusion, MiniFiler					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	NR				
BTFKNX	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
BTHVG2	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	NR				
BURVJM	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
BV66WU	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 3 - STR Results

BWY6ND	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
BWZTBH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X,X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
BXQA7C	Identifiler® Plus, PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
BZCFNG	GlobalFiler™ (STRmix 2.4)					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	No results			No results	
C2LQW7	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
C2MJVE	Identifiler® Plus					
		17,18		16,17	12,12	
3	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
C3HQBP	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-	

TABLE 2

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

Item 3 - STR Results

C4VDT4	Identifiler® Plus					
		17,18		16,17	12	
3	11,12	12,13			10,11	12
	17,18	12,13	29,30		X	10,12
	20				6,9.3	8
	16,17					
C7KLZK	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
CAJXVK	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
CFL4BM	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
CHPBN3	GlobalFiler™ PCR Amplification Kit					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
CHUP24	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
CHW4D9	PowerPlex® Fusion 6C (STRMIX)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

CJ96GP	GlobalFiler™, MiniFiler					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	no results			no results	
CJYF2Q	Identifiler® Plus					
		17,18		16,17	12,12	
3	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
CLDNNX	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
CMA297	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
CPBADF	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
CRHM29	PowerPlex® Fusion6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
CVJ74N	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

CVLVB7	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
CWAWZA	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
CWECFV	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
CX9XB8	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
CYUV9C	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
D2HLXN	GlobalFiler™ 1808086					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
D6JZT	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

D6X8GU	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
DDH6MV	Investigator® 24plex (STRmix)					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
DE8GDN	GlobalFiler™, MiniFiler					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	no result			no result	
DFY3Y6	Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
DGRFKQ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
DNATJP	Identifiler® Plus					
		17,18		16,17	12,12	
3	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
DNRWZ3	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	

TABLE 2

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

Item 3 - STR Results

DNYW7X	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
DR94FP	Identifiler® Plus					
		17,18		16,17	12,12	
3	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
DTM6HW	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-	
DUQK3A	PowerPlex® Fusion 6C (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
DVY8L4	PowerPlex® F6C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
DYAB36	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
DYTCP8	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					

TABLE 2

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

Item 3 - STR Results

DZNXHY	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
DZQ62Y	PowerPlex® 21					
	12,15.3	17,18		16,17	12,12	14,18
3	11,12	12,13		16,22	10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
E2HFDD	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X,X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
E3TNJM	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
E42Z2N	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
E4KX4M	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	-
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	-	-	22.2,28.2	6,9.3	8,8
	16,17	NR	-	-	NR	
E4ZCDH	Identifiler®, MiniFiler					
		17,18		16,17	12	
3	11,12	12,13			10,11	12
	17,18	12,13	29,30		X	10,12
	20				6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

E6ZMTZ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
E8MPK2	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
E9J7PB	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
E9XURX	PowerPlex® Fusion 5C, Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
EA74MF	PowerPlex® Fusion (TrueAllele)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
ECW33Y	Identifiler® Plus					
	-	17,18	-	16,17	12	-
3	11,12	12,13	-	-	10,11	12
	17,18	12,13	29,30	-	X,X	10,12
	20	-	-	-	6,9.3	8
	16,17	-	-	-	-	
ECW6R4	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

ECYTAH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
EDN2GX	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
EFWEYY	Identifiler® Plus					
	-	17,18	-	16,17	12	-
3	11,12	12,13	-	-	10,11	12
	17,18	12,13	29,30	-	X,X	10,12
	20	-	-	-	6,9.3	8
	16,17	-	-	-	-	
EFYUJD	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
EGFG8E	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
EJLWLX	Identifiler®, MiniFiler					
		17,18		16,17	12,12	
3	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
EKU327	GlobalFiler™ (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

EMH3ZW	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
ENEYLQ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
EP4XFA	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
EPHH4D	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
EQRCXT	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	no result			no result	
ERAAH6	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17	Neg				
ERAU36	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

EUK6BN	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
EVQU6K	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	no results			no results	
EVTGQ6	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
EVV8WM	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
F2BRA6	PowerPlex® Fusion 6C (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
F3TZNU	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
F4EYP6	Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	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 3 - STR Results

F748WL	Identifiler® Plus					
		17,18		16,17	12,12	
3	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
FC94H7	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
FD6FHF	PowerPlex® Fusion (TrueAllele)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
FE3G9B	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
FEHRWH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
FEK9HV	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.1,28.2	6,9.3	8,8
	16,17					
FEXGAP	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

FGMPG6	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
FHFNPC	Identifiler® Plus					
		17,18		16,17	12,12	
3	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
FJFE48	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
FKMLX6	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
FLNPZB	NGM SSelect					
	12,15.3	17,18	10,11	16,17		
3		12,13	14,14	16,22		12,12
	17,18	12,13	29,30	15,16	X,X	
	20,20			22.2,28.2	6,9.3	
	16,17					
FLZL4U	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
FM78KF	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X,X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	

TABLE 2

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

Item 3 - STR Results

FMCXQJ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
FMDKDN	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
FMGM9H	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
FPF8M2	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
FRKHZ4	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
FV4W46	Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
FWFH37	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

FY2BVZ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
G24KCW	GlobalFiler™ (STRmix v. 2.4)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
G269Y2	PowerPlex® Fusion 6C, GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
G32RV2	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
G34H3J	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
G4HEH3	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
G4J6R7	PowerPlex® Fusion 6C (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

G68QBG	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12	
	3	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20			22.2,28.2	6,9.3	8
	16,17						
G6QMP3	Identifiler® Plus						
			17,18		16,17	12,12	
	3	11,12	12,13			10,11	12,12
		17,18	12,13	29,30		X,X	10,12
		20,20				6,9.3	8,8
	16,17						
G9AJDR	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12	
	3	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20			22.2,28.2	6,9.3	8
	16,17						
GA2YPH	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12	
	3	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20			22.2,28.2	6,9.3	8
	16,17	ND			ND		
GAZB2D	Identifiler® Plus						
			17,18		16,17	12	
	3	11,12	12,13			10,11	12
		17,18	12,13	29,30		X,X	10,12
		20				6,9.3	8
	16,17						
GDK8NH	PowerPlex® Fusion 5C						
		12,15.3	17,18	10,11	16,17	12,12	
	3	11,12	12,13	14,14	16,22	10,11	12,12
		17,18	12,13	29,30	15,16	X,X	10,12
		20,20	10,13	5,16		6,9.3	8,8
	16,17						
GDKRJ4	Identifiler® Plus (STRmix)						
			17,18		16,17	12,12	
	3	11,12	12,13			10,11	12,12
		17,18	12,13	29,30		X,X	10,12
		20,20				6,9.3	8,8
	16,17						

TABLE 2

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

Item 3 - STR Results

GEJCFX	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
GFNZFV	GlobalFiler™ PCR Amplification kit					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
GJCDER	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
GMCAVQ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
GN6FG7	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
GPWNF9	in-house multiplex					
	12,15.3		10,11	16,17		
3		12,13	14,14	16,22		12,12
	17,18		29,30	15,16	X,X	
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
GPXC4E	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 3 - STR Results

GRH8JR	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X,X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
GRMMWT	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
GRZJYC	PowerPlex® Fusion (TrueAllele)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
GTE8WB	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
GUDHH7	Identifiler® Plus, PowerPlex® Fusion 6C (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
GVYPKA	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
GXNYTP	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	

TABLE 2

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

Item 3 - STR Results

GY2QK7	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12	
	3	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20			22.2,28.2	6,9.3	8
	16,17						
H29PVK	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12	
	3	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20			22.2,28.2	6,9.3	8
	16,17						
H6PJKD	PowerPlex® F6C						
		12,15.3	17,18	10,11	16,17	12	
	3	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17						
H7CGHH	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12	
	3	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20			22.2,28.2	6,9.3	8
	16,17	ND			ND		
H876W7	PowerPlex® Fusion						
		12,15.3	17,18	10,11	16,17	12,12	
	3	11,12	12,13	14,14	16,22	10,11	12,12
		17,18	12,13	29,30	15,16	X,X	10,12
		20,20	10,13	5,16		6,9.3	8,8
	16,17						
H92HM7	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12	
	3	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20			22.2,28.2	6,9.3	8
	16,17						
HA2G7E	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12,12	
	3	11,12	12,13	14,14	16,22	10,11	12,12
		17,18	12,13	29,30	15,16	X,X	10,12
		20,20			22.2,28.2	6,9.3	8,8
	16,17						

TABLE 2

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

Item 3 - STR Results

HBN3QN	Identifiler® Plus					
		17,18		16,17	12	
3	11,12	12,13			10,11	12
	17,18	12,13	29,30		X	10,12
	20				6,9.3	8,8
	16,17					
HBUECY	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
HC6WAG	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
HEC7M8	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
HGECZM	PowerPlex® 5C, 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
HGW23K	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
HHTD3U	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 3 - STR Results

HMPYX3	PowerPlex® Fusion 6C (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
HND7RT	GlobalFiler™ Amplification Kit					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
HQ7XYX	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
HQQH7Q	Investigator® 24plex QS (STRmix)					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
HVZX9M	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
HXJ78M	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
HYGQEZ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

J2NAYU	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
J88A28	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
J8TJEH	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
J9Z2BT	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
JAEV4T	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-	
JAHD7X	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
JAYYU2	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

JB9U6C	GlobalFiler™ (STRmix)						
		12,15.3	17,18	10,11	16,17	12	
	3	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20			22.2,28.2	6,9.3	8
	16,17						
JBUM76	PowerPlex® Fusion (STRmix)						
		12,15.3	17,18	10,11	16,17	12	
	3	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20	10,13	5,16		6,9.3	8
	16,17						
JCWRBC	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12	
	3	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20			22.2,28.2	6,9.3	8
	16,17						
JEBE9C	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12	
	3	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20			22.2,28.2	6,9.3	8
	16,17						
JHMMAG	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12	
	3	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20			22.2,28.2	6,9.3	8
	16,17	-			-		
JJZKL8	NGM SSelect, MiniFiler						
		12,15.3	17,18	10,11	16,17		
	3	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X,X	10,12
		20			22.2,28.2	6,9.3	
	16,17						
JN3V2M	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12	
	3	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20			22.2,28.2	6,9.3	8
	16,17						

TABLE 2

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

Item 3 - STR Results

JPBZGW	PowerPlex® 21					
	12,15.3	17,18		16,17	12,12	14,18
3	11,12	12,13		16,22	10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
JQMC78	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
JRUQE9	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	INC				
JRZANC	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
JTLUX9	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
JTNHJT	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
JTQ6XL	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	

TABLE 2

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

Item 3 - STR Results

JY3EK3	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
JYRDAF	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
JYZPEJ	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17	NR	NR	NR		
K42V62	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
K8QUH6	Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	-				
K9F3QK	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
K9GVNT	GlobalFiler™ (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

KE96XQ	Identifiler®, MiniFiler, Identifiler Plus					
		17,18		16,17	12,12	
3	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
KFEURM	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-	
KGE3CM	Investigator® 24plex QS (STRmix)					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
KJVLWH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
KMZKKA	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
KQD694	PowerPlex® Fusion (STRMix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
KQTFWB	Identifiler® Plus (DNA View)					
		17,18		16,17	12	
3	11,12	12,13			10,11	12
	17,18	12,13	29,30		X,X	10,12
	20				6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

KR4D88	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12,12	
	3	11,12	12,13	14,14	16,22	10,11	12,12
		17,18	12,13	29,30	15,16	X,X	10,12
		20,20			22.2,28.2	6,9.3	8,8
	16,17						
KUUCNQ	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12	
	3	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20			22.2,28.2	6,9.3	8
	16,17	ND			ND		
KVCY6Q	PowerPlex® 21						
		12,15.3	17,18		16,17	12,12	14,18
	3	11,12	12,13		16,22	10,11	12,12
		17,18	12,13	29,30		X,X	10,12
		20,20	10,13	5,16		6,9.3	8,8
	16,17						
KW4EH3	PowerPlex® Fusion 5 (STRMIX)						
		12,15.3	17,18	10,11	16,17	12	
	3	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20	10,13	5,16		6,9.3	8
	16,17						
KX29C8	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12	
	3	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20			22.2,28.2	6,9.3	8
	16,17						
KXBLV4	PowerPlex® Fusion						
		12,15.3	17,18	10,11	16,17	12	
	3	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20	10,13	5,16		6,9.3	8
	16,17						
KXJ28P	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12,12	
	3	11,12	12,13	14,14	16,22	10,11	12,12
		17,18	12,13	29,30	15,16	X,X	10,12
		20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-		

TABLE 2

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

Item 3 - STR Results

KZHYGB	PowerPlex® Fusion (TrueAllele)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
L3NBXH	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
L3NWB4	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
L3QJU4	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
L4CGR9	Identifiler® Plus					
		17,18		16,17	12	
3	11,12	12,13			10,11	12
	17,18	12,13	29,30		X,X	10,12
	20				6,9.3	8
	16,17					
L6WWNX	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
L8VEDD	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					

TABLE 2

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

Item 3 - STR Results

L9UELQ	GlobalFiler™, Investigator® 24plex					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
L9ULWH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
LA672L	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
LCUQHQ	PowerPlex® Fusion 5C, 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
LD89P3	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
LDAE6H	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17	NR	NR	NR		
LDQ2GY	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

LE2UKE	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
LEY6CB	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
LFQEWC	Identifiler® Plus					
		17,18		16,17	12,12	
3	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
LN2UMK	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
LNQYRY	PowerPlex® Fusion 6C (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
LRH238	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	INC				
LT2WU	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

LTLXY3	Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	-				
LVB88J	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
LVLU3X	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
LY94HQ	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
LZ8QB3	Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	-				
M37ZMB	PowerPlex® Fusion 5C (STRMix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
M4HBN2	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

MC9FBV	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
MEBB3K	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
MHBJ7V	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
MK2T9A	PowerPlex® Fusion 5C (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
MKZWND	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
MN27RR	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
MQC8AY	PowerPlex® Fusion 6C (STRMix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

MUCVUA	PowerPlex® Fusion 5C (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
MXDT7	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
MZE99J	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
N2MPY3	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
N3C2RG	Identifiler®, Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12,12	N/A
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20	N/A	N/A	22.2,28.2	6,9.3	8,8
	16,17	N/A	N/A	N/A	N/A	
N3JJVR	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
N4DPFL	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	

TABLE 2

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

Item 3 - STR Results

N4M3DF	Identifiler® Plus					
		17,18		16,17	12,12	
3	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
N4UJWJ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
N4VMZY	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
N64WEP	GlobalFiler™ PCR Amplification Kit					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
N6NK87	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
N7M9JU	Identifiler® Plus					
		17,18		16,17	12,12	
3	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
N9CGQB	Investigator® 24plex					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

NAFEVC	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
NALQGM	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
NDW9Q7	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	INC				
NF84JP	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
NF9G2W	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
NFMZNE	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
NFN7E6	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

NHA2UH	GlobalFiler™ (STRmix)					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
NKKY8Y	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
NL3GPH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	-
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	-	-	22.2,28.2	6,9.3	8,8
	16,17	-	-	-	-	-
NMNUMV	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
NPAGG4	GlobalFiler™, MiniFiler					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	no result			no result	
NPC4YH	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
NRVCXH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

NTE62Z	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
NWU697	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
NXRP72	PowerPlex® Fusion (STRMix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
NZER4E	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-	
NZQC84	PowerPlex® Fusion (STRMix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	INC				
NZURQV	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
P2KB8M	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

P2XU7Y	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
P6L87V	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
PB6V3J	IDplexPlus					
		17,18		16,17	12,12	
3	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
PC44YP	PowerPlex® 21					
	12,15.3	17,18		16,17	12,12	14,18
3	11,12	12,13		16,22	10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
PCGDHJ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
PCNGB3	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
PE9DQF	GlobalFiler™ Plus (STRmix)					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 3 - STR Results

PF4LP4	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
PGH28C	PowerPlex® F6C (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17	NR	NR	NR		
PGUK6M	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
PHXZQ2	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
PJJJL	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-	
PK9WN6	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
PMMHZ7	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 3 - STR Results

PRA3HL	GlobalFiler™ PCR Amplification kit					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
PW8MDH	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
PYDZAY	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
PZPK9Z	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
Q227RF	PowerPlex® PP21					
	12,15.3	17,18		16,17	12,12	14,18
3	11,12	12,13		16,22	10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
Q2JCQ6	GlobalFiler™ (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
Q2TW99	PowerPlex® Fusion 6C, GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17	NR	NR	NR	NR	

TABLE 2

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

Item 3 - STR Results

Q2XP73	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
Q3TVHA	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
Q3U4W2	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
Q4PNKZ	Investigator® 24plex QS (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
Q7RBVX	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
Q82E82	Identifiler® Plus					
		17,18		16,17	12	
3	11,12	12,13			10,11	12
	17,18	12,13	29,30		X,X	10,12
	20				6,9.3	8
	16,17					
QAB48Q	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 3 - STR Results

QB234G	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	-
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	-	-	22.2,28.2	6,9.3	8,8
	16,17	-	-	-	-	-
QBXYD7	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
QDPXUP	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
QKMMBU	Identifiler®, Investigator® 24plex					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
QL282J	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
QLPWHY	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
QMWFV9	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	

TABLE 2

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

Item 3 - STR Results

QNBHD8	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
QPJEG7	PowerPlex® Fusion 5C (TrueAllele)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
QPYKUA	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
QRB7VW	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
QT8U2Y	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
QUH43P	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13,[14]	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2,[29.2]	6,9.3	8
	16,17					
QUYRA7	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

QVW4AF	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
QWHN2C	Identifiler® Plus, PowerPlex® Fusion, MiniFiler					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	NR				
QWN2GL	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
QYQ2GJ	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
R3AWW2	GlobalFiler™ (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
R4MFVD	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
R4Y9PF	Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

R829PC	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
RC6M6G	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	NT
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	NT	NT	22.2,28.2	6,9.3	8,8
	16,17	NR	NT	NT	NR	
RCUDGV	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
RD2WH8	Identifiler® Plus (STRmix)					
		17,18		16,17	12,12	
3	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
RFFWKE	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
RL2HGL	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
RLFTC7	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 3 - STR Results

RM74X8	PowerPlex® Fusion 5C, GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17	NR			NR	
RMQY6	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
RNN48N	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
RNZPTJ	PowerPlex® Fusion 6C, 5C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
RPBREH	PowerPlex® Fusion 6C, 5C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
RT2Q2T	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
RY4Z7Z	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 3 - STR Results

RZZWRU	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
T2P72G	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
T38GBN	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
T6AD2H	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	NR				
T6QZ6D	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
T74RZF	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
T7JYDK	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

T7QYL2	PowerPlex® F6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
T8CWJ7	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
T8YK38	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
TFRWEM	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
TMP6JA	PowerPlex® Fusion (TrueAllele)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
TMWNWX	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
TNKUYN	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 3 - STR Results

TRHDWG	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
TRWZY4	Identifiler®, MiniFiler					
		17,18		16,17	12	
3	11,12	12,13			10,11	12
	17,18	12,13	29,30		X	10,12
	20				6,9.3	8
	16,17					
TTDZ9K	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
TTU28F	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
TU7PML	GlobalFiler™ PCR Amplification Kit					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
TUNPQB	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
TWEYRP	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 3 - STR Results

TWXD88	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
TXN8HC	Identifiler®, Investigator® 24plex QS					
	12,15.3	17,18	10,11	16,17	12,12	N/A
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	N/A	N/A	22.2,28.2	6,9.3	8,8
	16,17	N/A	N/A	N/A	N/A	
TYK9WF	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
TZFWB6	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
U3KXWN	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
U68JJJ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
U94C99	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

UACEB7	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
UC7TM9	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
UDCKUH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
UDULH7	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
UGYNQ2	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	No Results			No Results	
UKL8RY	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
UKU4XH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			[22.2],28.2	6,9.3	8
	16,17	ND			ND	

TABLE 2

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

Item 3 - STR Results

ULUHQN	Identifiler® Plus					
		17,18		16,17	12,12	
3	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
UM4KCM	Identifiler® Plus					
		17,18		16,17	12,12	
3	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
UM9RVH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-	
UNHRX4	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	No Results			No Results	
UTEEVX	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
UTP2PR	Investigator® 24plex					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
UTXKT3	GlobalFiler™ (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

UU9BVR	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
V3HVV3	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
V89XG9	Identifiler® Plus					
		17,18		16,17	12,12	
3	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
V9K8RZ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
VB8FLF	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
VCJ2CH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
VCKUAP	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					

TABLE 2

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

Item 3 - STR Results

VJL798	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
VKUHMN	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
VLCTXV	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
VMKH48	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
VNTVPF	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
VNXFT4	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
VP2ZU4	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					

TABLE 2

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

Item 3 - STR Results

VPB8LK	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
VQ3R3X	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
VQYDEB	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	No Result			No Result	
VTQJJM	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
VUZ4DB	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
VW7AMW	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
VYXKP6	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	no results			no results	

TABLE 2

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

Item 3 - STR Results

W2DH8R	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
W9G2RG	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
WCXG4U	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
WEAYJT	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
WG6J2D	PowerPlex® Fusion 5C, Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
WLJ6ZC	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
WMYUAW	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

WN432M	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
WN8PFF	PowerPlex® Fusion 5C and 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
WQTC94	Identifiler®					
		17,18		16,17	12	
3	11,12	12,13			10,11	12
	17,18	12,13	29,30		X	10,12
	20				6,9.3	8
	16,17					
WRRGZJ	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
WTZMBY	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
WU3NJW	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
WUXNLW	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

WVRZCB	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
WX26PY	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	No Results			No Results	
WYQXLW	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
WZ6XPP	PowerPlex® Fusion 6C (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
X2PMD4	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
X3QGB2	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
X4W6BY	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					

TABLE 2

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

Item 3 - STR Results

X7PR82	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
X9E2EH	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
XCEZFE	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17	NA				
XCF69P	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
XDNRPV	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
XEKYL2	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
XEZ2N3	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	no result			no result	

TABLE 2

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

Item 3 - STR Results

XH4UNT	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
XHZAWJ	PowerPlex® Fusion 5					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
XPWQD	PowerPlex® PowerPlex®21					
	12,15.3	17,18		16,17	12,12	14,18
3	11,12	12,13		16,22	10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
XMG32C	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-	
XQAUZF	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
XRJWEY	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,112	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X,X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
XTK44R	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

XUX7YL	PowerPlex® Fusion						
		12,15.3	17,18	10,11	16,17	12	
	3	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20	10,13	5,16		6,9.3	8
	16,17						
XVB7AF	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12,12	
	3	11,12	12,13	14,14	16,22	10,11	12,12
		17,18	12,13	29,30	15,16	X,X	10,12
		20,20			22.2,28.2	6,9.3	8,8
	16,17						
XVLRG	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12	
	3	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20			22.2,28.2	6,9.3	8
	16,17						
XYNM6K	Identifiler® Plus						
			17,18		16,17	12,12	
	3	11,12	12,13			10,11	12,12
		17,18	12,13	29,30		X,X	10,12
		20,20				6,9.3	8,8
	16,17						
XYYK8F	PowerPlex® ESX 17 Fast						
		12,15.3	17,18	10,11	16,17		
	3		12,13	14,14	16,22		12,12
		17,18	12,13	29,30	15,16	X,X	
		20,20			22.2,28.2	6,9.3	
	16,17						
XZGHUD	GlobalFiler™						
		12,15.3	17,18	10,11	16,17	12,12	
	3	11,12	12,13	14,14	16,22	10,11	12,12
		17,18	12,13	29,30	15,16	X,X	10,12
		20,20			22.2,28.2	6,9.3	8,8
	16,17						
XZKVLG	PowerPlex® Fusion						
		12,15.3	17,18	10,11	16,17	12	
	3	11,12	12,13	14	16,22	10,11	12
		17,18	12,13	29,30	15,16	X	10,12
		20	10,13	5,16		6,9.3	8
	16,17						

TABLE 2

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

Item 3 - STR Results

XZZ9UL	Identifiler®, PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17	No result				
Y728HF	GlobalFiler™ (TrueAllele)					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
Y8UCEE	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
Y97N4Q	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
Y9XTZT	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
YCRBYY	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
YD69G4	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

YFANJM	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
YFPA7N	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
YGYT6E	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-	
YJCUA8	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
YLBQJT	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
YLXF3U	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
YN3QYC	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	

TABLE 2

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

Item 3 - STR Results

YTDZNZ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
YUDB74	PowerPlex® Fusion 6C (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17	NR	NR	NR		
YXUA7X	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	NR			NR	
YZATZZ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
Z3ELRE	PowerPlex® Fusion, 21, verifier					
	12,15.3	17,18	10,11	16,17	12,12	14,18
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
Z6LEMJ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
Z6YJVB	GlobalFiler™ Amplification Kit					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 3 - STR Results

Z7HZC4	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	-			-	
Z8CPGW	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
Z9RC88	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
ZCJXHG	Identifiler®, PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17	NR				
ZDF9HP	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
ZFP3QW	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
ZH8KBZ	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	

TABLE 2

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

Item 3 - STR Results

ZHGZ6U	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17					
ZJ3X3Z	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
ZJ8UQH	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
ZKFQW2	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
ZLCUW4	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
ZLPQYN	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
ZLUDU2	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	-	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	-			-	

TABLE 2

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

Item 3 - STR Results

ZLZHDK	Identifiler®, MiniFiler, Identifiler Plus					
		17,18		16,17	12,12	
3	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
ZPCA37	GlobalFiler™ (STRmix)					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
ZQZNP	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
ZUHVZC	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
ZWWPA4	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17	NR	NR	NR		
ZX3QVG	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
ZXT2RP	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3 - STR Results

ZY388Y	GlobalFiler™ (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
ZYK3RL	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
ZZVN4N	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
ZZWCRT	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12,12	
3	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					

TABLE 2

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

Item 3e - STR Results

2XZH69	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3e	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	ND			ND	
3CWYNF	Identifiler® Plus					
		17,18		16,17	12,12	
3e	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
7PF9XV	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3e	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	-			-	
9T474J	Identifiler® Plus					
		17,18		16,17	12,12	
3e	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
AUE9PH	Identifiler® Plus					
		17,18		16,17	12,12	
3e	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					
BQNKF2	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3e	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
F9YF6A	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3e	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 3e - STR Results

LE63J7	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
3e	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
TH2Y9Y	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3e	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
WWF74F	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12,12	
3e	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
X76CHY	PowerPlex® 21					
	12,15.3	17,18		16,17	12,12	14,18
3e	11,12	12,13		16,22	10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					

TABLE 2

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

Item 3sp - STR Results

2XZH69	GlobalFiler™					
	ND	ND	ND	ND	ND	
3sp	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND
	ND			ND	ND	ND
	ND	ND			ND	
3CWYNF	Identifiler® Plus					
3sp	[REDACTED]					
	[REDACTED]					
7PF9XV	GlobalFiler™					
	-	-	-	-	-	-
3sp	-	-	-	-	-	-
	-	-	-	-	-	-
	-			-	-	-
	-	-			-	
9T474J	Identifiler® Plus					
		-		-	-	
3sp	-	-			-	-
	-	-	-		-	-
	-				-	-
	-					
AUE9PH	Identifiler® Plus					
		-/-		-/-	-/-	
3sp	-/-	-/-			-/-	-/-
	-/-	-/-	-/-		-/-	-/-
	-/-				-/-	-/-
	-/-					
BQNKF2	GlobalFiler™					
3sp	[12]		[14]		[10]	
			[30]			
				[28.2]		
F9YF6A	GlobalFiler™					
3sp	[REDACTED]					
	[REDACTED]					

TABLE 2

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

LE63J7	GlobalFiler™					
	15.3	17,18	11	16,17	12	
3sp	12	13	14	22	10	12
	17,18	12,13		15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
TH2Y9Y	GlobalFiler™					
	12,15.3	17		16,17	12	
3sp		12,13	14	16	10	
			30		X,X	
				22.2	6,9.3	8
	17					
WWF74F	GlobalFiler™					
	[12]	[18]			[12]	
3sp	[12]	[13]	[14]			[12]
	[17]	[12],[13]	[29]	[15],[16]	[X]	[12]
	[20]			[22.2]		[8]
X76CHY	PowerPlex® 21					
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

236DP4	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19					
3P2DFC	NGM					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18		
4	8,10,11,12	12,13,15	13,14	16,17,19,22		12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	
	20				6,8,9.3	
	16,17,19					
7U8B4F	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17,19	10			2	
7YWHYN	PowerPlex® Fusion 5C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8
	16,17,19	10				
8GT9TW	PowerPlex® Fusion, MiniFiler					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8
	16,17,19	10				
8UXMUU	Identifiler® Plus					
		16,17,18,26		15,16,17,18	11,12	
4	8,10,11,12	12,13,14,15			10,11,12	12,13
	13,17,18	12,13,14	29,30		X,Y	10,11,12
	20,20				6,8,9.3	8,9
	16,17,19					
8YX6EM	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	

TABLE 2

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

Item 4 - STR Results

9ZFCTU	Identifiler® Plus					
		16,17,18,26		15,16,17,18	11,12	
4	8,10,11,12	12,13,15			10,11,12	12,13
	13,17,18	12,13,14	29,30		X,Y	10,11,12
	20,20				6,8,9,3	8,9
	16,17,19					
BPQ8UU	PowerPlex® Fusion					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9,3	8
	16,17,19	10				
CJYF2Q	Identifiler® Plus					
		16,17,18,26		15,16,17,18	11,12	
4	8,10,11,12	12,13,15			10,11,12	12,13
	13,17,18	12,13,14	29,30		X,Y	10,11,12
	20,20				6,8,9,3	8,9
	16,17,19					
DNATJP	Identifiler® Plus					
		16,17,18,26		15,16,17,18	11,12	
4	8,10,11,12	12,13,15			10,11,12	12,13
	13,17,18	12,13,14	29,30		X,Y	10,11,12
	20,20				6,8,9,3	8,9
	16,17,19					
DR94FP	Identifiler® Plus					
		16,17,18,26		15,16,17,18	11,12	
4	8,10,11,12	12,13,15			10,11,12	12,13
	13,17,18	12,13,14	29,30		X,Y	10,11,12
	20				6,8,9,3	8,9
	16,17,19					
F748WL	Identifiler® Plus					
		16,17,18,26		15,16,17,18	11,12	
4	8,10,11,12	12,13,15			10,11,12	12,13
	13,17,18	12,13,14	29,30		X,Y	10,11,12
	20,20				6,8,9,3	8,9
	16,17,19					
FEK9HV	GlobalFiler™					
4						

TABLE 2

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

Item 4 - STR Results

FRKHZ4	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
GPWNF9	in-house multiplex					
	12,15.3,16.3,17.3		10,11,14,15	15,16,17,18		
4		12,13,15	13,14	16,17,19,22		12,13
	13,17,18		29,30	14,15,16	X,Y	
	20,20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19					
JEBE9C	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
N4M3DF	Identifiler® Plus					
		16,17,18,26		15,16,17,18	11,12	
4	8,10,11,12	12,13,15			10,11,12	12,13
	13,17,18	12,13,14	29,30		X,Y	10,11,12
	20,20				6,8,9.3	8,9
	16,17,19					
QWHN2C	PowerPlex® Fusion					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X	10,11,12
	20	10,12,13	5,12,16		6,8,9.3	8
	16,17,19	10				
RCUDGV	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
RZZWRU	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	

TABLE 2

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

Item 4 - STR Results

UU9BVR	PowerPlex® Fusion 5C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10				
V89XG9	Identifiler® Plus					
		16,17,18,26		15,16,17,18	11,12	
4	8,10,11,12	12,13,15			10,11,12	12,13
	13,17,18	12,13,14	29,30		X,Y	10,11,12
	20,20				6,8,9.3	8,9
	16,17,19					
V9K8RZ	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
ZYK3RL	GlobalFiler™					
	12,15.3,16.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4	10,11,12	12,13,15	13,14	16,17,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,28.2	6,8,9.3	8,9
	16,17,19				2	

TABLE 2

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

Item 4e - STR Results

22LLAE	Identifiler® Plus					
		16,17,18		15,16,17,18	11,12	
4e	10,11,12	12,13,15			10,11,12	12,13
	13,17,18	12,13,14	29,30		X	10,11,12
	20				6,8,9,3	8,9
	16,17					
23YACQ	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9,3	8,9
	16,17,19	10			2	
26KFBG	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9,3	8,9
	16,17,19	10			2	
27X8NY	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
4e	11,12	12,13	14	16,17,19,22	10,11	12,13
	17,18	12,13	29,30	15,16	X	10,11,12
	20	10,13	5,16		6,8,9,3	8
	16,17,19					
28PPWR	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20,20			22.2,27.2,28.2	6,8,9,3	8,9
	16,17,19	10			2	
2F67VT	GlobalFiler™ (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9,3	8,9
	16,17,19	10			2	
2FJKBP	Investigator® 24plex QS (STRmix)					
	11,12,15.3,16.3,17.3,Q	16,17,18,26,Q	10,11,14,15	15,16,17,18,Q	11,12,Q	
4e	10,11,12,Q	11,12,13,15,Q	12,13,14,Q	15,16,17,19,21,22,Q	9,10,11,12,Q	11,12,13,Q
	13,16,17,18,Q	11,12,13,14,Q	28,29,30,Q	14,15,16,17,Q	X,Y	9,10,11,12,Q
	19,20,Q			21.2,22.2,27.2,28.2,Q	6,8,9,3,Q	7,8,9,Q
	15,16,17,19,Q	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 4e - STR Results

2JMFWD	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,14,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14,16.2	29,30	14,15,16	X,Y	10,12
	20			22.2,27.2,28.2	6,8,9,3	8,9
	16,17,19	10			2	
2KXFE	GlobalFiler™					
	12,15.3	17,18	10,11,14	16,17	11,12	
4e	11,12	12,13,15	13,14	16,22	10,11,12	12
	17,18	12,13,14	29,30	15,16	X	10,12
	20			22.2,27.2,28.2	6,8,9,3	8
	16,17					
2MMQQT	GlobalFiler™					
	12,15.3	16,17,18,26	10,11,14,15	16,17	12	
4e	8,10,11,12	12,13,15	14	16,22	10,11,12	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9,3	8,9
	16,17	10				
2NDP7C	GlobalFiler™					
	12,15.3,[16.3],[17.3]	16,17,18,26	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,12	12,[13]
	[13],17,18	12,13,14	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,27.2,28.2	6,8,9,3	8,[9]
	16,17,[19]	10			2	
2PQZMB	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9,3	8,9
	16,17,19	10			2	
2TTDNN	Identifiler® Plus					
		16,17,18,26		15,16,17,18	11,12	
4e	8,10,11,12	12,13,15			10,11,12	12,13
	13,17,18	12,13,14	29,30		X	10,11,12
	20				6,8,9,3	8,9
	16,17,19					
2XZH69	GlobalFiler™					
	12,15.3,16.3,[17.3]	16,17,18,[26]	10,11,[14,15]	[15],16,17,[18]	11,12	
4e	8,[10],11,12	12,13,15	13,14	16,[17,19],22	10,11,12	12,[13]
	[13],17,18	12,13,14	29,30	14,15,16	X,Y	10,[11],12
	20			22.2,[27.2],28.2	6,8,9,3	8,[9]
	16,17,[19]	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 4e - STR Results

2YAGAQ	PowerPlex® Fusion 5C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	INC				
32GXGL	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,11,12	12,13,15	14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
32WWGH	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[19],22	10,11,12	12
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,8,9.3	8,[9]
	16,17,[19]	[10]			[2]	
344VDQ	PowerPlex® Fusion (TrueAllele)					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20	10,[11],[12],13	5,16		6,[8],9.3	8,[9]
	16,17,[19]					
34FEC3	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	-
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,12
	20	-	-	22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]	-	-	[2]	
37V2H3	PowerPlex® Fusion 6C					
	12,15.3,[16.3],[17.3]	17,18	10,11,[15]	16,17	12	
4e	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,[12],13	5,16	22.2,28.2	6,9.3	8
	16,17,[19]	[10]				
3CUJ6M	GlobalFiler™					
	12,15.3,[16.3],[17.3]	17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	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 4e - STR Results

3CWYNF	Identifiler® Plus					
		[16],17,18,[26]		[15],16,17,[18]	[11],12,12	
4e	[8],[10],11,12	12,13,[15]			10,11,[12]	12,12,[13]
	[13],17,18	12,13,[14]	29,30		X,X,[Y]	10,[11],12
	20,20				6,[8],9.3	8,8,[9]
	16,17,[19]					
3EDFN8	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	11,12	Not Tested
4e	[8],[10],11,12	12,13,[15]	13,14	16,[17],[19],22	10,11,12	12,12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,X,[Y]	10,[11],12
	20,20	Not Tested	Not Tested	22.2,[27.2],28.2	6,[8],9.3	8,8,[9]
	16,17,[19]	10	Not Tested	Not Tested	2	
3FTUX3	Identifiler®, Investigator® 24plex QS					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	N/A
4e	[8],[10],11,12	12,13,[15]	14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20	N/A	N/A	22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	10	N/A	N/A	N/A	
3GCM9C	PowerPlex® Fusion					
	12,15.3,16.3	17,18,26	10,11,14	16,17,18	12	
4e	8,10,11,12	12,13,15	14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,13	5,12,16		6,8,9.3	8
	16,17,19	10				
3JXUMK	PowerPlex® Fusion 6C (STRMIX)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16,17	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
3JZY8H	PowerPlex® Fusion 5C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10				
3L9J7W	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,[13]
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,[9]
	16,17,19	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 4e - STR Results

3P26U8	GlobalFiler™, Investigator® 24plex					
	12,15.3,16.3,17.3	17,18,26	10,11	16,17	12	
4e	11,12	12,13,15	14	16,22	10,11	12,13
	17,18	12,13,14	29,30	15,16	X,Y	10,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17	10				
3PMCIB	GlobalFiler™ (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17	11,12	
4e	8,10,11,12	12,13,15	13,14	16,22	10,11,12	12
	17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17				2	
3QEX8M	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
4e	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
3RFZLC	PowerPlex® 21 (STRmix)					
	12,15.3,16.3,17.3	17,18,26		16,17,18	12	14,17,18
4e	11,12	12,13,15		16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30		X,Y	10,12
	20	10,13	5,12,16		6,8,9.3	8
	16,17					
3RRZGL	PowerPlex® F6C (STRmix)					
	12,15.3,16.3,17.3	16,17,18	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,22	10,11,12	12,13
	13,17,18	12,13,14	28,29,30	14,15,16	X	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	15,16,17,19	10		18		
3T4L7M	Investigator® 24plex QS (STRmix)					
	11,12,14.3,15.3,16.3,17.3,Q	16,17,18,26,Q	10,11,14,15	15,16,17,18,Q	11,12,Q	
4e	8,10,11,12,Q	11,12,13,14,15,Q	13,14,Q	15,16,17,19,21,22,Q	9,10,11,12,Q	11,12,13,Q
	13,14,17,18	11,12,13,14,Q	28,29,30,Q	14,15,16,17,Q	X,Y	9,10,11,12,Q
	19,20,Q			21.2,22.2,27.2,28.2,Q	6,8,9.3,Q	8,9,Q
	15,16,17,19,Q	10				
3Z4FAA	PowerPlex® Fusion					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	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 4e - STR Results

43MC86	GlobalFiler™					
	12,15.3,[16.3],[17.3]	16,17,18,[26]	10,11,[14],[15]	15,16,17,[18]	11,12	
4e	[8],10,11,12	12,13	13,14	16,[17],19,22	10,11,12	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X	10,11,12
	20			22.2,27.2,28.2	6,[8],9.3	8,[9]
	16,17,[19]	10			2	
43RRJK	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	10			2	
44JQY4	Investigator® 24plex					
	12,15.3,16.3,17.3	16,17,18,[26]	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,[15]	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10				
46AQJF	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17	10			2	
46DEDT	GlobalFiler™					
	12,15.3,[16.3],[17.3]	17,18,[26]	10,11,[14],[15]	16,17,[18]	11,12	
4e	[8],11,12	12,13,[15]	13,14	16,[17],[19],22	10,11,[12]	12
	[13],17,18	12,13,14	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,27.2,28.2	6,[8],9.3	8
	16,17,[19]	10			2	
472NQM	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]			[2]	
47BE7L	PowerPlex® F6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		

TABLE 2

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

Item 4e - STR Results

4B6LW2	GlobalFiler™					
	12,15.3,[16.3],[17.3]	17,18	10,11,[14],[15]	[15],16,17	11,12	
4e	[8],11,12	12,13	13,14	16,[17],[19],22	10,11,[12]	12,[13]
	17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20,20			22.2,28.2	6,[8],9.3	8,8
	16,17	10			2	
4D4J6N	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
4EHJ8V	Investigator® 24plex QS					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,28.2	6,8,9.3	8,9
	16,17,19	10				
4LMTNJ	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
4N9N4W	GlobalFiler™, MiniFiler					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,9.3	8,9
	16,17,19	10			2	
4RAF32	GlobalFiler™					
	12,15.3,[16.3],[17.3]	17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	12	
4e	[8],11,12	12,13,[15]	14	16,[17],[19],22	10,11,[12]	12
	17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,28.2	6,9.3	8
	16,17,[19]	10			2	
4V4AZ3	GlobalFiler™					
	12,15.3,[16.3]	[16],17,18,[26]	10,11,[15]	16,17,[18]	11,12	
4e	[8],11,12	12,13,[15]	13,14	16,[17,19],22	10,11,[12]	12
	17,18	12,13,[14]	29,30	15,16	X,X,[Y]	10,[11],12
	20			22.2,27.2,28.2	6,[8],9.3	8
	16,17,[19]					

TABLE 2

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

Item 4e - STR Results

4XGADK	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8
	16,17,19	10	17	18		
63BEPF	PowerPlex® Fusion 6C (STRmix)					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X	10,11,12
	20	10,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
64B2G7	GlobalFiler™ PCR Amplification Kit					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,22	10,11,12	12,13
	17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20,20			22.2,27.2,28.2	6,8,9.3	8,8
	16,17,19				2	
64CP4B	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,12	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20,20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]			[2]	
64H9EE	Identifiler® Plus (STRmix)					
		17,18		16,17,18	12	
4e	8,11,12	12,13,15			10,11,12	12,13
	13,17,18	12,13,14	29,30		X	10,12
	20				6,8,9.3	8,9
	16,17					
66B7MK	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	10			2	
678GLU	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	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 4e - STR Results

6AEXB4	PowerPlex® 5C,6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	12	
4e	8,10,11,12	12,13,15	14	16,17,19,22	10,11	12,13
	17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
6BRCWR	Identifiler® Plus					
		[16],17,18,[26]		[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]			10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30		X,[Y]	10,[11],12
	20				6,[8],9.3	8,[9]
	16,17,[19]					
6D2TBW	GlobalFiler™					
	12,15.3	17,18	10,11,14,15	16,17,18	12	
4e	8,10,11,12	12,13,15	13,14	16,22	10,11,12	12,13
	17,18	12,13,14	29,30	14,15,16	X,Y	10,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17	10			2	
6EHYX2	PowerPlex® 21					
	12,15.3,16.3,17.3	16,17,18		15,16,17,18	11,12	14,17,18
4e	8,10,11,12	12,13		16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30		X,Y	10,11,12
	20,20	10,12,13	5,12,16		6,8,9.3	8,9
	16,17,19					
6FBW78	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
6FM434	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
6K8T4U	GlobalFiler™					
	12,15.3,[16.3]	[16],17,18	10,11,[14],[15]	[15],16,17,[18]	[11],12,12	
4e	[10],11,12	12,13	[13],14,14	16,22	10,11,[12]	12,12
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,X,[Y]	10,12
	20,20			22.2,28.2	6,[8],9.3	8,8
	16,17	[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 4e - STR Results

6LF6LV	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12,12	
4e	[8],[10],11,12	12,13,[15]	[13],14,14	16,[17],[19],22	10,11,[12]	12,12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,X,[Y]	10,[11],12
	20,20			22.2,[27.2],28.2	6,[8],9.3	8,8
	16,17,[19]	[10]			[2]	
6N6J4D	GlobalFiler™ (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
6NLQCG	PowerPlex® F6C					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
6PWGCK	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
6PY6YQ	PowerPlex® Fusion (STRmix)					
	12,15.3,17.3	17,18	10,11,14	15,16,17	12	
4e	8,10,11,12	12,13,15	14	16,17,19,22	10,11	12
	13,17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,8,9.3	8,9
	16,17,19					
6QNPBN	Identifiler® Plus (DNAVIEW)					
	-	16,17,18,26	-	15,16,17,18	11,12	-
4e	8,10,11,12	12,13,15	-	-	10,11,12	12,13
	13,17,18	12,13,14	29,30	-	X,Y	10,11,12
	20	-	-	-	6,8,9.3	8,9
	16,17,19	-	-	-	-	
6RYMMJ	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	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 4e - STR Results

6U7VZB	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	12	
4e	8,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
6UABDB	PowerPlex® Fusion					
	12,15.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10				
6UK7Q3	Identifiler®, Investigator® 24plex QS					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	N/A
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,12	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20	N/A	N/A	22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	10	N/A	N/A	N/A	
6ZBPL7	GlobalFiler™ PCR Amplification kit					
		16,17,18,20	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,9.3	8
	16,17,19	10			2	
6ZDD9B	PowerPlex® Fusion					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17	[11],12	
4e	[8],[10],11,12	12,13	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20	10,[11],[12],13	5,[12],16		6,[8],9.3	8
	16,17,[19]	10				
76NPYB	PowerPlex® F6C (STRmix)					
	12,15.3	17,18	10,11	16,17	12,12	
4e	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
77BK6P	PowerPlex® Fusion					
	12,15.3,[16.3,17.3]	[16],17,18,[26]	10,11,[14,15]	[15],16,17,[18]	[11],12	
4e	[10],11,12	12,13,[15]	[13],14	16,[17,19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20	10,[11],13	5,[12],16		6,[8],9.3	8,[9]
	16,17,[19]					

TABLE 2

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

Item 4e - STR Results

789LFN	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20,20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
793CJG	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]			[2]	
79JN2M	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20,20			22.2,27.2,28.2	6,9.3	8,9
	16,17,19	10			2	
7AJ839	Identifiler® Plus					
		16,17,18,26		15,16,17,18	11,12	
4e	8,10,11,12	12,13,15			10,11,12	12,13
	13,17,18	12,13,14	29,30		X,Y	10,11,12
	20				6,8,9.3	8
	16,17,19					
7AW8ZX	PowerPlex® Fusion 5C, Fusion 6C					
	12,15.3	17,18	10,11	15,16,17	12	
4e	11,12	12,13,15	14	16,22	10,11	12
	17,18	12,13,14	29,30	15,16	X	10,11,12
	20	10,13	5,16	22.2,27.2,28.2	6,9.3	8
	16,17					
7B4JGZ	NGM SElect					
	12,15.3,(16.3),(17.3)	(16),17,18,(26)	10,11,(14),15	15,16,17,(18)		
4e		12,13,(15)	13,14	16,(17),(19),22		12,12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	
	20,20			22.2,27.2,28.2	6,(8),9.3	
	16,17,(19)					
7BCA3Q	PowerPlex® Fusion 6C					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20	10,[11],[12],13	5,[12],16	22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]	[17]	[18]		

TABLE 2

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

Item 4e - STR Results

7CQ968	GlobalFiler™					
	12,15.3,[16.3],[17.3]	16,17,18,26	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,12	12,[13]
	[13],17,18	12,13,14	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,27.2,28.2	6,8,9.3	8,[9]
	16,17,[19]	[10]			[2]	
7KNRRW	PowerPlex® Fusion 6C					
	12,15.3,17.3	16,17,18	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13	13,14	16,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X	10,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8
	16,17	10	17	18		
7KWT9H	GlobalFiler™					
	12,15.3,[16.3,17.3]	[16],17,18,[26]	10,11,[14,15]	[15],16,17,[18]	[11],12	
4e	[8,10],11,12	12,13,[15]	[13],14	16,[17,19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]			2	
7KXFVN	PowerPlex® Fusion					
	12,15.3,16.3,17.3	17,18,26	10,11,15	16,17,18	11,12	
4e	8,10,11,12	12,13,15	14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,13	5,16		6,8,9.3	8
	16,17,19	10				
7LTPUC	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	10			2	
7NJNBV	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],22	10,11,[12]	12,[13]
	[13],17,18	12,13,14	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8
	16,17,[19]	10			2	
7NKZWL	PowerPlex® Fusion					
	12,15.3,[16.3]	[16],17,18	10,11,[14],[15]	[15],16,17	12	
4e	11,12	12,13,[15]	14	16,[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X	10,[11],12
	20	10,[11],13	5,16		6,[8],9.3	8
	16,17					

TABLE 2

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

Item 4e - STR Results

7NLDGE	Identifiler®					
		16,17,18,26		15,16,17,18	11,12	
4e	8,10,11,12	12,13,15			10,11,12	12,13
	13,17,18	12,13,14	29,30		X,Y	10,11,12
	20,20				6,8,9.3	8,9
	16,17,19					
7PF9XV	GlobalFiler™					
	12,15.3,[16.3]	[16],17,18,[26]	10,11	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,22	10,11,[12]	12,[13]
	17,18	12,13	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,9.3	8,[9]
	16,17	10			2	
7UL2P6	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,12
	20			22.2,[27.2],28.2	6,[8],9.3	8
	16,17,[18**],[19]	[10]			[2]	
7X3UUZ	PowerPlex® Fusion					
	12,15.3,16.3	17,18,26	10,11,14,15	15,16,17	11,12	
4e	8,11,12	12,13,15	14	16,17,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,16		6,8,9.3	8
	16,17,19	10				
82GTMK	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
4e	11,12	12,13,15	14	16,19,22	10,11	12,13
	17,18	12,13,14	29,30	15,16	X	10,12
	20	10,13	5,16		6,8,9.3	8
	16,17					
83Y4XR	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,22	10,11,12	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17	10			2	
84R4NB	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17	[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 4e - STR Results

87CH8Y	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	11,12	
4e	[8],[10],11,12	12,13,[15]	13,14	16,17,19,22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	10			2	
89763B	PowerPlex® Fusion 6C (STRMix)					
	12,15.3	17,18	10,11	16,17	12,12	
4e	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
89PGYF	Identifiler® Plus, PowerPlex® Fusion6C					
	12,15.3	17,18,26	10,11,14,15	15,16,17,18	12	
4e	8,11,12	12,13	14	16,17,22	10,11,12	12
	17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,11,12,13	5,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19					
89ZMPP	GlobalFiler™					
	12,15.3,[16.3,17.3]	17,18,[26]	10,11,[14,15]	[15],16,17,[18]	11,12	
4e	[8],11,12	12,13,[15]	[13],14	16,[19],22	10,11,12	12
	[13],17,18	12,13,14	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8
	16,17	10				
8ATY9Q	PowerPlex® Fusion (TrueAllele)					
	12,15.3	17,18	10,11	16,17	[11],12	
4e	11,12	12,13	[13],14	16,22	10,11,[12]	12
	17,18	12,13,[14]	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
8C3XUK	PowerPlex® Fusion (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	10,11,12	12,13	14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,13	5,16		6,9.3	8
	16,17					
8DBZUX	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	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 4e - STR Results

8DC6WD	PowerPlex® Fusion					
	12,15.3,17.3	16,17,18,26	10,11	16,17	12	
4e	8,11,12	12,13,15	13,14	16,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X	10,12
	20	10,13	5,16		6,8,9.3	8
	16,17	10				
8FJ6ED	GlobalFiler™ (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	16,17,18	11,12	
4e	8,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
8H3D97	GlobalFiler™ PCR Amplification kit					
	12,15.3	17,18	10,11	16,17	12,12	
4e	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
8H42UQ	PowerPlex® Fusion (TrueAllele)					
	12,15.3,[16.3,17.3]	[16],17,18	10,11,[15]	[15],16,17	[11],12	
4e	[8,10],11,12	12,13,[15]	[13],14	16,[17,19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20	10,[12],13	5,[12],16		6,[8],9.3	8
	16,17,[19]	10				
8HM3HE	Investigator® 24plex					
	12,15.3,[17.3]	[16],17,18,[26]	10,11,[14],[15]	16,17	12	
4e	[8],[10],11,12	12,13,[15]	14	16,[17],[19],22	10,11,[12]	12
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]				
8HQ7AP	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
8HT6JK	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		

TABLE 2

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

Item 4e - STR Results

8JL4QR	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
4e	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
8KCCQU	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,[26]	10,11,14,15	15,16,17	11,12	
4e	8,10,11,12	12,13,15	13,14	16,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
8NCMLU	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
8NYC6V	GlobalFiler™					
	12,15.3,16.3,[17.3]	17,18,26	10,11,[14],[15]	16,17,[18]	11,12	
4e	[8],10,11,12	12,13,15	13,14	16,[17],[19],22	10,11,12	12,[13]
	[13],17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17	10			2	
8REYN8	PowerPlex® 21 (strmix)					
	12,15.3,16.3,17.3	16,17,18,26		15,16,17	11,12	14,15,18
4e	8,11,12	12,13,15		16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30		X,Y	10,11,12
	20,20	10,12,13	5,12,16		6,8,9.3	8,9
	16,17,19					
8RXAEH	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	16,17,18	11,12	
4e	8,10,11,12	12,13,15	14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
8VR9P7	GlobalFiler™, Investigator® 24plex					
	12,15.3,16.3	16,17,18,26	10,11	16,17	12	
4e	11,12	12,13,15	14	16,22	10,11	12,13
	13,17,18	12,13	29,30	15,16	X	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	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 4e - STR Results

8WDKMK	GlobalFiler™					
	12,15.3,[16.3,17.3]	[16],17,18,[26]	10,11,[14,15]	[15],16,17,[18]	[11],12	
4e	[8],11,12	12,13,[15]	[13],14	16,[17,19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8
	16,17	10			2	
8X3QMM	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
8YZT2R	GlobalFiler™ (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
92R7D2	PowerPlex® Fusion 5C & 6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	12	
4e	11,12	12,13,15	14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,11,12,13	5,16	22.2,28.2	6,8,9.3	8,9
	16,17,19	10				
97EZUG	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	10			2	
9BNTX8	PowerPlex® Fusion					
	12,15.3,16.3	17,18,26	10,11,14,15	15,16,17	11,12	
4e	8,10,11,12	12,13,15	13,14	16,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,12,13	5,12,16		6,9.3	8,9
	16,17	10				
9ELG73	PowerPlex® Fusion					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	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 4e - STR Results

9EQCVK	GlobalFiler™ (STRMIX)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
9GBFTD	PowerPlex® Fusion					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10				
9L4C3G	Investigator® 24plex QS (STRmix (4e only))					
	11,12,14.3,15.3,16.3,Q	16,17,18,Q	10,11,14,15	15,16,17,18,Q	11,12,Q	
4e	10,11,12,Q	11,12,13,Q	13,14,Q	15,16,17,21,22,Q	9,10,11,12,Q	11,12,13,Q
	16,17,18,Q	11,12,13,14,Q	28,29,30,Q	14,15,16,17,Q	X	9,10,11,12,Q
	19,20,Q			21.2,22.2,27.2,28.2,Q	6,8,9.3,Q	7,8,9,Q
	15,16,17,Q	10				
9MX2KC	GlobalFiler™					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17,19	10			2	
9RC9VC	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
9T474J	Identifiler® Plus					
		(16),17,18,(26)		(15),16,17,(18)	(11),12,12	
4e	(8),(10),11,12	12,13,(15)			10,11,(12)	12,12,(13)
	(13),17,18	12,13,(14)	29,30		X,X,(Y)	10,12
	20,20				6,(8),9.3	8,8,(9)
	16,17,(19)					
9T6WHE	PowerPlex® Fusion (STRmix)					
	12,15.3,16.3,17.3	16,17,18	10,11	15,16,17,18	11,12	
4e	11,12	12,13	13,14	16,19,22	10,11,12	12
	17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,11,12,13	5,16		6,9.3	8,9
	16,17,19	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 4e - STR Results

9UXHVH	Investigator® 24plex QS (STRmix)					
	11,12,14.3,15.3,16.3,17.3,Q	16,17,18,26,Q	9,10,11,14,Q	15,16,17,18,Q	11,12,Q	
4e	8,10,11,12,Q	11,12,13,14,Q	12,13,14,Q	16,17,19,21,22	9,10,11,12,Q	11,12,13,Q
	13,16,17,18,Q	11,12,13,14,Q	28,29,30,Q	14,15,16,17,Q	X,Y	9,10,11,12,Q
	19,20,Q			21.2,22.2,27.2,28.2,Q	6,8,9.3,Q	7,8,9,Q
	15,16,17,19,Q	10				
9X47TF	PowerPlex® Fusion6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
A2QJPV	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]			[2]	
A2T76N	PowerPlex® Fusion 5C					
	12,15.3,16.3,17.3	17,18	10,11,14	15,16,17,18	12,12	
4e	8,11,12	12,13,15	14,14	16,19,22	10,11,12	12,13
	17,18	12,13,14	29,30	15,16	X,Y	10,12
	20,20	10,12,13	5,16		6,8,9.3	8,9
	16,17,19					
A2V2LY	PowerPlex® Fusion 6C					
	12,15.3,16.3	16,17,18,26	10,11,14,15	15,16,17,18	12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
A3T3UC	PowerPlex® F6C					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	16,17,18	12	
4e	8,11,12	12,13,15	14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8
	16,17,19	10	17	18		
A4W2NR	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12,12	
4e	[8],[10],11,12	12,13,[15]	[13],14,14	16,[17],[19],22	10,11,[12]	12,12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,X,[Y]	10,[11],12
	20,20			22.2,[27.2],28.2	6,[8],9.3	8,8,[9]
	16,17,[19]	[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 4e - STR Results

A69PEJ	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20,20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
A8HMXR	GlobalFiler™					
	12,15.3,17.3	17,18	10,11,14,15	16,17,18	12	
4e	8,10,11,12	12,13,15	14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
A8XXLY	GlobalFiler™					
	12,15.3,17.3	17,18,26	10,11,14,[15]	15,16,17	11,12	
4e	8,10,11,12	12,13,15	13,14	16,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,[8],9.3	8
	16,17,[19]	ND			2	
ACCL9G	PowerPlex® Fusion 5C					
	12,15.3,16.3,17.3	16,17,18	10,11,14,15	15,16,17	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,16		6,8,9.3	8
	16,17,19	10				
ACTBGF	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
ACYDGM	PowerPlex® Fusion 6C					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12,12	
4e	[8],[10],11,12	12,13,[15]	[13],14,14	16,[17],[19],22	10,11,[12]	12,12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,X,[Y]	10,[11],12
	20,20	10,[11],[12],13	5,[12],16	22.2,[27.2],28.2	6,[8],9.3	8,8,[9]
	16,17,[19]	[10]	[17]	[18]		
AD8ZYF	PowerPlex® F6C (STRMix)					
	12,15.3	17,18	10,11	16,17	12,12	
4e	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 4e - STR Results

AE3HJ9	GlobalFiler™					
	12,15.3,[16.3,17.3]	[16],17,18,[26]	10,11,[14,15]	[15],16,17,[18]	[11],12	
4e	[8,10],11,12	12,13,[15]	[13],14	16,[17,19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,14	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,8,9.3	8,[9]
	16,17,[19]	[10]			[2]	
AEMWA8	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
AKP27X	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,22	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17,19	10			2	
AKUFGD	PowerPlex® Fusion 6C (STRmix)					
	12,15.3	16,17,18	9,10,11,15	15,16,17,18	11,12	
4e	10,11,12	11,12,13,15	13,14	16,21,22	10,11,12	11,12,13
	13,16,17,18	12,13,14	28,29,30	14,15,16	X,Y	9,10,11,12
	19,20	10,13	5,12,15,16	21.2,22.2,27.2,28.2	6,9.3	8
	15,16,17,19					
ALKLTW	GlobalFiler™					
	12,15.3,[16.3,17.3]	17,18,[26]	10,11,14,[15]	15,16,17,[18]	11,12	
4e	[8,10],11,12	12,13,[15]	13,14	16,[17],22	10,11,[12]	12,[13]
	[13],17,18	12,13,14	29,30	15,16	X,[Y]	10,12
	20			22.2,[27.2],28.2	6,[8],9.3	8
	16,17,[19]				2	
ANMLTU	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],15	[15],16,17,[18]	11,12	
4e	[8],[10],11,12	12,13,[15]	13,14	16,[17],[19],22	10,11,12	12,12
	[13],17,18	12,13,[14]	29,30	15,16	X,Y	10,[11],12
	20,20			22.2,27.2,28.2	6,[8],9.3	8,8
	16,17,[19]	10			2	
AQEDRZ	GlobalFiler™					
	12,15.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,22	10,11,12	12
	17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17	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 4e - STR Results

ATK2MB	Identifiler®, MiniFiler					
		17,18,[26]		[15],16,17,[18]	[11],12	
4e	[8],11,12	12,13,[15]			10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30		X,[Y]	10,[11],12
	20,20				6,[8],9.3	8,[9]
	16,17,[19]					
AUE9PH	Identifiler® Plus					
		(16),17,18,(26)		(15),16,17,(18)	(11),12,12	
4e	(8),(10),11,12	12,13,(15)			10,11,(12)	12,12,(13)
	(13),17,18	12,13,(14)	29,30		X,X,(Y)	10,(11),12
	20,20				6,(8),9.3	8,8,(9)
	16,17,(19)					
AV7KA9	PowerPlex® Fusion					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,11,12,13	5,12,16		6,8,9.3	8
	16,17,19					
AVABUQ	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
AVLNX9	Identifiler®					
		(16),17,18,(26)		(15),16,17,(18)	(11),12,12	
4e	(8),(10),11,12	12,13,(15)			10,11,(12)	12,12,(13)
	(13),17,18	12,13,(14)	29,30		X,X,(Y)	10,(11),12
	20,20				6,(8),9.3	8,8,(9)
	16,17,(19)					
AWGARZ	PowerPlex® Fusion					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10				
AXBW7P	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,[26]	10,11,[14],15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,[9]
	16,17,19	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 4e - STR Results

AXT7W6	GlobalFiler™					
	12,15.3,[16.3,17.3]	[16],17,18,[26]	10,11,[14,15]	[15],16,17,[18]	[11],12	
4e	[8,10],11,12	12,13,[15]	[13],14	16,[17,19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	10			2	
B24P9H	Identifiler® Plus					
		16,17,18		16,17,18	11,12	
4e	8,11,12	12,13,15			10,11,12	12,13
	17,18	12,13,14	29,30		X,Y	10,11,12
	20				6,8,9.3	8,9
	16,17,19					
B3XB4U	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
B6UQM8	PowerPlex® Fusion 6C					
	12,15.3	17,18	10,11	16,17	12,12	
4e	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
B8FL3K	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20,20			22.2,27.2,28.2	6,8,9.3	8,8
	16,17,19	10			2	
B96WVX	GlobalFiler™					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,11,12	12,13,15	13,14	16,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
BA994N	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12,12	
4e	[8],[10],11,12	12,13,[15]	[13],14,14	16,[17],[19],22	10,11,[12]	12,12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,X,[Y]	10,[11],12
	20,20			22.2,[27.2],28.2	6,[8],9.3	8,8,[9]
	16,17,[19]	NR [10]			NR [2]	

TABLE 2

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

Item 4e - STR Results

BAJ8YX	GlobalFiler™					
	12,15.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19					
BBDTUA	PowerPlex® Fusion 6C (STRmix)					
	12,15.3	17,18	10,11	16,17	12,12	
4e	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
BGHNLW	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18	10,11,15	16,17,18	11,12	
4e	10,11,12	12,13,15	14	16,22	10,11	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,9.3	8
	15,16,17	ND			2	
BJEFXN	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
BKJPNE	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
BN3MC6	GlobalFiler™					
	12,15.3,17.3	17,18,26	10,11,[14],15	15,16,17	11,12	
4e	8,11,12	12,13,15	14	16,[19],22	10,11	12
	17,18	12,13	29,30	15,16	X,Y	10,12
	20			22.2,28.2	6,8,9.3	8,[9]
	16,17,19	ND			2	
BQNKF2	GlobalFiler™					
	12,15.3,[16.3],[17.3]	17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	14,14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20,20			22.2,[27.2],28.2	6,[8],9.3	8,8
	16,17	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 4e - STR Results

BTFKNX	PowerPlex® Fusion					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10				
BTHVG2	PowerPlex® Fusion 5C					
	12,15.3,(17.3)	(16),17,18,(26)	10,11,(14),(15)	(15),16,17	(11),12	
4e	(8),(10),11,12	12,13,(15)	(13),14	16,(17),(19),22	10,11,(12)	12
	(13),17,18	12,13,(14)	29,30	15,16	X,(Y)	10,(11),12
	20	10,(11),(12),13	5,(12),16		6,(8),9.3	8
	16,17,(19)	10				
BURVJM	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
BV66WU	PowerPlex® Fusion 6C					
	12,15.3,[16.3,17.3]	17,18	10,11	16,17	12	
4e	11,12	12,13	14	16,[19],22	10,11,[12]	12
	17,18	12,13,[14]	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,9.3	8
	16,17	[10]				
BWY6ND	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,9.3	8,9
	16,17,19	10			2	
BWZTBH	GlobalFiler™					
	12,15.3,[17.3]	16,17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	11,12	
4e	[8],[10],11,12	12,13,[15]	13,14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	14,15,16	X,X	10,[11],12
	20			22.2,27.2,28.2	6,[8],9.3	8
	16,17,[19]	10				
BXQA7C	Identifiler® Plus, PowerPlex® Fusion 6C (STRMIX)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		

TABLE 2

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

Item 4e - STR Results

BZCFNG	GlobalFiler™ (STRmix 2.4)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
C2LQW7	GlobalFiler™					
	12,15.3,16.3	16,17,18,[26]	10,11,14,[15]	16,17	11,12	
4e	[8],10,11,12	12,13,15	14	16,[19],22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20			22.2,27.2,28.2	6,[8],9.3	8
	16,17,[19]	ND			2	
C2MJVE	Identifiler® Plus					
		(16),17,18,(26)		(15),16,17,(18)	(11),12,12	
4e	(8),11,12	12,13,(15)			10,11,(12)	12,12,(13)
	(13),17,18	12,13,(14)	29,30		X,X,(Y)	10,(11),12
	20,20				6,(8),9.3	8,8
	16,17,(19)					
C3HQBP	GlobalFiler™					
	12,15.3,16.3,[17.3]	16,17,18,[26]	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,[17],19,22	10,11,12	12,[13]
	[13],17,18	12,13,14	29,30	14,15,16	X,Y	10,[11],12
	20			22.2,27.2,28.2	6,8,9.3	8,[9]
	16,17,[19]	10			2	
C4VDT4	Identifiler® Plus					
		[16],17,18		[15],16,17,[18]	[11],12	
4e	[8,10],11,12	12,13,[15]			10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30		X,[Y]	10,[11],12
	20				6,[8],9.3	8
	16,17,[19]					
C7KLZK	GlobalFiler™					
	12,15.3,[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	10			2	
CAJVK	GlobalFiler™					
	12,15.3,[16.3],[17.3]	17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],11,12	12,13,[15]	[13],14	16,[17],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,9
	16,17	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 4e - STR Results

CFL4BM	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
CHPBN3	GlobalFiler™ PCR Amplification Kit					
	12,15.3	17,18,26	10,11,14,15	16,17	11,12	
4e	11,12	12,13,15	13,14	16,22	10,11	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,9.3	8,9
	16,17,19	10			2	
CHUP24	PowerPlex® Fusion (STRmix (4e))					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10				
CHW4D9	PowerPlex® Fusion 6C (STRMIX)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
CJ96GP	GlobalFiler™, MiniFiler (STRmix v2.4)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	11,12,13
	13,17,18	12,13,14	28,29,30	14,15,16,17	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	7,8,9
	16,17,18,19	10			2	
CLDNNX	GlobalFiler™					
	12,15.3,16.3	17,18,26	10,11,14,15	15,16,17	11,12	
4e	10,11,12	12,13	14	16,22	10,11,12	12,13
	17,18	12,13,14	29,30	15,16	X	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17,19					
CMA297	PowerPlex® Fusion					
	12,15.3,16.3,17.3	16,17,18	10,11,14	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,12,13	5,12,16		6,9.3	8
	16,17,19					

TABLE 2

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

Item 4e - STR Results

CPBADF	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	11,12	
4e	11,12	12,13,15	13,14	16,22	10,11	12
	17,18	12,13,14	29,30	15,16	X	10,12
	20	10,13	5,16		6,8,9.3	8
	16,17,19					
CRHM29	PowerPlex® Fusion6C					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	12	
4e	10,11,12	12,13,15	14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8
	16,17,19	10	17	18		
CVJ74N	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
CVLVB7	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]			[2]	
CWAWZA	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17,19	10			2	
CWECFV	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
CX9XB8	PowerPlex® Fusion 6C (STRmix)					
	12,15.3	17,18	10,11	16,17	12,12	
4e	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 4e - STR Results

CYUV9C	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
	8,11,12	12,13,15	13,14	16,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17,19	10		2		
D2HLXN	GlobalFiler™ 1808086					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10		2		
D6JZT	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10		2		
D6X8GU	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10		2		
DDH6MV	Investigator® 24plex (STRmix)					
	11,12,14.3,15.3,16.3	16,17,18,26	10,11	15,16,17	11,12	
	10,11,12	11,12,13	13,14	15,16,17,21,22	9,10,11,12	11,12,13
	13,16,17,18	11,12,13,14	28,29,30	14,15,16,17	X,X	10,11,12
	19,20			21.2,22.2,27.2,28.2	6,9.3	7,8,9
	15,16,17	10				
DE8GDN	GlobalFiler™, MiniFiler					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
	8,10,11,12	11,12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10		2		
DFY3Y6	Investigator® 24plex QS					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	16,17	11,12	
	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	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 4e - STR Results

DGRFKQ	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
DNRWZ3	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,[9]
	16,17,19	[10]			2	
DNYW7X	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	12	
4e	8,10,11,12	12,13,15	14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
DTM6HW	GlobalFiler™					
	12,15.3,[16.3,17.3]	17,18	10,11,[14,15]	[15],16,17,[18]	11,12	
4e	[8],11,12	12,13	13,14	16,[17,19],22	10,11,[12]	12,[13]
	17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,27.2,28.2	6,[8],9.3	8
	16,17,[19]	10			2	
DUQK3A	PowerPlex® Fusion 6C (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
DVY8L4	PowerPlex® F6C (STRmix)					
	12,15.3	17,18	10,11	16,17	12,12	
4e	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
DYAB36	GlobalFiler™					
	12,15.3,17.3	17,18,26	10,11,14,15	15,16,17	11,12	
4e	8,11,12	12,13,15	14	16,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	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 4e - STR Results

DYTCP8	PowerPlex® Fusion 5C					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20,20	10,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10				
DZNXHY	PowerPlex® Fusion					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10				
DZQ62Y	PowerPlex® 21 (STRmix v2.4.06)					
	12,15.3,[16.3]	[16],17,18,[26]		16,17	12,12	14,[15],18
4e	[8,10],11,12	12,13,[15]		16,[17,19],22	10,11,[12]	12,12,[13]
	[13],17,18	12,13,[14]	29,30		X,[Y]	10,12
	20,20	10,[11,12],13	5,16		6,9.3	8,8
	16,17,[19]					
E2HFDD	GlobalFiler™					
	12,15.3,16.3,17.3	17,18	10,11,14,15	16,17,18	11,12	
4e	8,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20			22.2,28.2	6,8,9.3	8
	16,17	NR			2	
E3TNJM	GlobalFiler™					
	12,15.3,[17.3]	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	[13],17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,[8],9.3	8,[9]
	16,17,19	10			2	
E42Z2N	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
E4KX4M	GlobalFiler™					
	12,15.3	17,18,[26]	10,11,[14],[15]	16,17,[18]	[11],12	-
4e	[8],11,12	12,13,[15]	[13],14	16,[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,12
	20	-	-	22.2,[27.2],28.2	6,[8],9.3	8
	16,17,[19]	[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 4e - STR Results

E4ZCDH	Identifiler®, MiniFiler					
		[16],17,18,[26]		[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]			10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30		X,[Y]	10,[11],12
	20				6,[8],9.3	8,[9]
	16,17,[19]					
E6ZMTZ	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17,19	10			2	
E8MPK2	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14	15,16,17	11,12	
4e	8,11,12	12,13,15	13,14	16,19,22	10,11	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
E9J7PB	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
E9XURX	PowerPlex® Fusion 5C, Fusion 6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	14	16,17,19,22	10,11	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17	10	17	18		
EA74MF	PowerPlex® Fusion (TrueAllele)					
	12,15.3,[16.3],[17.3]	17,18,[26]	10,11	[15],16,17,[18]	12	
4e	11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20	10,[13]	5,16		6,[8],9.3	8
	16,17,[19]					
ECW33Y	Identifiler® Plus					
	-	16,17,18,26	-	15,16,17,18	11,12	-
4e	8,10,11,12	12,13,15	-	-	10,11,12	12,13
	13,17,18	12,13,14	29,30	-	X,Y	10,11,12
	20	-	-	-	6,8,9.3	8,9
	16,17,19	-	-	-	-	-

TABLE 2

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

Item 4e - STR Results

ECW6R4	GlobalFiler™					
	12,15.3,[16.3,17.3]	[16],17,18,[26]	10,11,[14]	[15],16,17,[18]	[11],12	
4e	[8,10],11,12	12,13,[15]	[13],14	16,[17,19],22	10,11,[12]	12
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	10			2	
ECYTAH	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]			[2]	
EDN2GX	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
EFWEYY	Identifiler® Plus					
	-	16,17,18,26	-	15,16,17,18	11,12	-
4e	8,10,11,12	12,13,15	-	-	10,11,12	12,13
	13,17,18	12,13,14	29,30	-	X,Y	10,11,12
	20	-	-	-	6,8,9.3	8,9
	16,17,19	-	-	-	-	
EFYUJD	PowerPlex® Fusion (STRmix)					
	12,15.3	16,17,18,26	10,11,14,15	16,17	12	
4e	10,11,12	12,13,15	13,14	16,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,12
	20	10,13	5,16		6,9.3	8,9
	16,17,19					
EGFG8E	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],[9.3]	8,[9]
	16,17,[19]	10			2	
EJLWLX	Identifiler®, MiniFiler					
		17,18,[26]		[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]			10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30		X,[Y]	10,[11],12
	20,20				6,[8],9.3	8,[9]
	16,17,[19]					

TABLE 2

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

Item 4e - STR Results

EKU327	GlobalFiler™ (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
EMH3ZW	PowerPlex® Fusion					
	12,15.3,[16.3,17.3]	[16],17,18,[26]	10,11,[14,15]	[15],16,17,[18]	[11],12	
	[8,10],11,12	12,13,[15]	[13],14	16,[17,19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20	10,[11,12],13	5,[12],16		6,[8],9.3	8,[9]
	16,17,[19]	[10]				
ENEYLQ	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
	[8],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	10			2	
EP4XFA	PowerPlex® Fusion (STRmix)					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20	10,[11],[12],13	5,[12],16		6,[8],9.3	8,[9]
	16,17,[19]	[10]				
EPHH4D	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
EQRCXT	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
ERAAH6	PowerPlex® Fusion 5C					
	12,15.3,16.3	17,18,26	10,11,15	15,16,17,18	11,12	
	11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20,20	10,11,12,13	5,12,16		6,8,9.3	8,8
	16,17,19	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 4e - STR Results

ERAU36	GlobalFiler™					
	12,15.3,[17.3]	17,18	10,11,[14]	[15],16,17,[18]	12	
4e	11,12	12,13,[15]	[13],14	16,22	10,11,[12]	12,[13]
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
EUK6BN	GlobalFiler™					
	12,15.3,16.3	16,17,18	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17	10				
EVQU6K	GlobalFiler™					
	12,15.3,16.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17	10			2	
EVTGQ6	PowerPlex® Fusion					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10				
EVV8WM	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
F2BRA6	PowerPlex® Fusion 6C (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	11,12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	21.2,22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
F3TZNU	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13	13,14	16,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,11,12,13	5,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		

TABLE 2

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

Item 4e - STR Results

F4EYP6	Investigator® 24plex QS					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10				
F9YF6A	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,[8],9.3	8,9
	16,17,19	10			2	
FC94H7	PowerPlex® Fusion 5C					
	12,15.3	17,18	10,11	16,17	12,12	
4e	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
FD6FHF	PowerPlex® Fusion (TrueAllele)					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11	[15],16,17	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,12
	20	10,13	5,16		6,[8],9.3	8
	16,17,[19]					
FE3G9B	GlobalFiler™					
	12,15.3	17,18	10,11,14	16,17	12	
4e	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17	NR			NR	
FEHRWH	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
FEXGAP	PowerPlex® Fusion					
	12,15.3,[16.3]	17,18,[26]	10,11	16,17	[11],12	
4e	[8],11,12	12,13,[15]	14	16,[17],[19],22	10,11	12,[13]
	17,18	12,13,[14]	29,30	15,16	X	10,[11],12
	20	10,[12],13	5,16		6,9.3	8
	16,17,[19]					

TABLE 2

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

Item 4e - STR Results

FGMPG6	GlobalFiler™ (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
FHFNPC	Identifiler® Plus					
		(16),17,18,(26)		(15),16,17,(18)	(11),12,12	
4e	(8),(10),11,12	12,13,(15)			10,11,(12)	12,12,(13)
	(13),17,18	12,13,(14)	29,30		X,X,(Y)	10,(11),12
	20,20				6,(8),9.3	8,8,(9)
	16,17,(19)					
FJFE48	PowerPlex® Fusion (STRmix)					
	12,15.3,16.3	16,17,18,26	10,11,14,15	15,16,17,18	12	
4e	11,12	12,13,15	14	16,22	10,11,12	12,13
	17,18	12,13,14	29,30	15,16	X	10,11,12
	20	10,12,13	5,16		6,9.3	8
	16,17,19					
FKMLX6	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17,19	10			2	
FLNPZB	NGM SSelect					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]		
4e		12,13,[15]	[13],14	16,[17],[19],22		12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	
	20,20			22.2,[27.2],28.2	6,[8],9.3	
	16,17,[19]					
FLZL4U	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17,19	10			2	
FM78KF	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,15	15,16,17,18	11,12	
4e	10,11,12	12,13,15	13,14	16,22	10,11,12	12
	17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17,19	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 4e - STR Results

FMCXQJ	GlobalFiler™					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20			22.2,28.2	6,8,9.3	8
	16,17,19	10			2	
FMDKDN	GlobalFiler™					
	12,15.3,[16.3],[17.3]	17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	10			2	
FMGM9H	PowerPlex® Fusion (STRmix)					
	12,15.3,16.3,17.3	17,18,26	10,11	16,17,18	11,12	
4e	8,11,12	12,13,14,15	14	16,17,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X	10,11,12
	20	10,11,12,13	5,16		6,8,9.3	8,9
	16,17	10				
FPF8M2	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,[8],9.3	8,9
	16,17,19	10			2	
FV4W46	Investigator® 24plex QS					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10				
FWFH37	PowerPlex® Fusion (STRmix)					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X	10,11,12
	20	10,13	5,16		6,8,8.3,9.3	8
	16,17,19	10				
FY2BVZ	GlobalFiler™					
	12,15.3,16.3,[17.3]	17,18,[25],[26]	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,[19],22	10,11,12	12
	[13],17,18	12,13,14	29,30	15,16	X,[Y]	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17,[19]	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 4e - STR Results

G24KCW	GlobalFiler™ (STRmix v. 2.4)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
G269Y2	PowerPlex® Fusion 6C, GlobalFiler™					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18	2	
G32RV2	PowerPlex® Fusion					
	12,15.3	17,18	10,11,14	15,16,17	11,12	
4e	11,12	12,13,15	14	16,17,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,13	5,16		6,8,9.3	8
	16,17	10				
G34H3J	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
G4HEH3	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	10			2	
G4J6R7	PowerPlex® Fusion 6C (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16,17	X,Y	10,11,12
	20	10,11,12,13	5,12,16	21.2,22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
G68QBG	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
4e	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X,Y	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 4e - STR Results

G6QMP3	Identifiler® Plus					
		17,18		16,17,18	12	
4e	8,11,12	12,13,15			10,11,12	12
	17,18	12,13,14	29,30		X,Y	10,12
	20				6,8,9,3	8
	16,17,19					
G9AJDR	GlobalFiler™ (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9,3	8,9
	16,17,19	10			2	
GA2YPH	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9,3	8,9
	16,17,19	10			2	
GAZB2D	Identifiler® Plus					
		16,17,18,26		15,16,17,18	11,12	
4e	8,10,11,12	12,13,15			10,11,12	12,13
	13,17,18	12,13,14	29,30		X,Y	10,11,12
	20				6,8,9,3	8,9
	16,17,19					
GDK8NH	PowerPlex® Fusion 5C					
	12,15.3	16,17,18	10,11,15	16,17,18	11,12	
4e	10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,12,13	5,16		6,8,9,3	8
	16,17,19					
GDKRJ4	Identifiler® Plus (STRmix)					
		17,18,26		16,17,18	12	
4e	8,11,12	12,13,15			10,11,12	12,13
	13,17,18	12,13,14	29,30		X	10,12
	20				6,8,9,3	8
	16,17					
GEJCFX	PowerPlex® Fusion					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,16		6,8,9,3	8,9
	16,17,19	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 4e - STR Results

GFNZFV	GlobalFiler™ PCR Amplification kit					
	12,15.3	16,17,18,26	10,11,15	15,16,17	11,12	
4e	8,11,12	12,13,15	13,14	16,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,12
	20			22.2,27.2,28.2	6,9.3	8
	16,17				2	
GJCDER	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
GMCAVQ	GlobalFiler™					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17,19				2	
GN6FG7	PowerPlex® Fusion					
	12,15.3,[16.3],[17.3]	16,17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	11,12	
4e	[8],10,11,12	12,13,15	13,14	16,17,19,22	10,11,[12]	12,[13]
	13,17,18	12,13,14	29,30	15,16	X,[Y]	10,[11],12
	20	10,[11],[12],13	5,[12],16		6,8,9.3	8,[9]
	16,17,[18],19	[10]				
GPXC4E	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20,20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
GRH8JR	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
GRMMWT	GlobalFiler™					
	12,15.3,17.3	16,17,18,26	10,11,14,15	15,16,17	11,12	
4e	8,11,12	12,13,15	13,14	16,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,[9]
	16,17,19	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 4e - STR Results

GRZJYC	PowerPlex® Fusion (TrueAllele)					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20	10,[11],[12],13	5,[12],16		6,[8],9.3	8,[9]
	16,17,[19]	10				
GTE8WB	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
GUDHH7	Identifiler® Plus, PowerPlex® Fusion 6C (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
GVYPKA	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]			[2]	
GXNYTP	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,[19],22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
GY2QK7	GlobalFiler™					
	12,15.3,[16.3],[17.3]	17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]			[2]	
H29PVK	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	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 4e - STR Results

H6PKD	PowerPlex® F6C					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
H7CGHH	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
H876W7	PowerPlex® Fusion (TrueAllele)					
	12,15.3	17,18	10,11	16,17	12,12	
4e	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
H92HM7	GlobalFiler™					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	10,11,12	12,13,15	14	16,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17,19	10			2	
HA2G7E	GlobalFiler™					
	12,15.3,17.3	16,17,18,26	10,11,14,15	16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,12
	20,20			22.2,27.2,28.2	6,9.3	8,8
	16,17,19	10			2	
HBN3QN	Identifiler® Plus					
	-	17,18	-	16,17,[18]	12	-
4e	11,12	12,13,[15]	-	-	10,11,[12]	12,[13]
	17,18	12,13,[14]	29,30	-	X	10,12
	20	-	-	-	6,[8],9.3	8,[9]
	16,17	-	-	-	-	
HBUECY	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	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 4e - STR Results

HC6WAG	GlobalFiler™					
	12,15.3,16.3,[17.3]	[16],17,18	10,11,[14],[15]	15,16,17,[18]	11,12	
4e	[8],[10],11,12	12,13,[15]	13,14	16,[17],[19],22	10,11,12	12,[13]
	[13],17,18	12,13,14	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,27.2,28.2	6,[8],9.3	8
	16,17,[19]	10			2	
HEC7M8	GlobalFiler™ (STRmix)					
	12,15.3,16.3,17.3	16,17,18	10,11,14,15	16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17,19	10			2	
HGECZM	PowerPlex® 5C, 6C					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	16,17,18	12	
4e	8,10,11,12	12,13,15	14	16,17,19,22	10,11	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17			
HGW23K	GlobalFiler™					
	12,15.3,[16.3],[17.3]	16,17,18,[26]	10,11,[14],[15]	16,17,[18]	11,12	
4e	[8],10,11,12	12,13,[15]	13,14	16,[17],19,22	10,11,12	12,[13]
	17,18	12,13,14	29,30	15,16	X,[Y]	10,11,12
	20,20			22.2,27.2,28.2	6,[8],9.3	8,8
	16,17,[19]	10			2	
HHTD3U	GlobalFiler™					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
HMPYX3	PowerPlex® Fusion 6C (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	9,10	16,17	17,18		
HND7RT	GlobalFiler™ Amplification Kit					
	12,15.3	17,18	10,11	16,17	12,12	
4e	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					

TABLE 2

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

Item 4e - STR Results

HQ7XYX	PowerPlex® Fusion					
	12,15.3,16.3	17,18	10,11	15,16,17	12	
4e	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X,Y	10,12
	20	10,12,13	5,16		6,9.3	8
	16,17					
HQQH7Q	Investigator® 24plex QS (STRmix)					
	11,12,14.3,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17	11,12	
4e	10,11,12	11,12,13,15	12,13,14	15,16,17,19,21,22	10,11,12	11,12,13
	12,13,17,18	11,12,13,14	28,29,30	14,15,16,17	X,X	9,10,11,12
	19,20			21.2,22.2,27.2,28.2	6,8,9.3	7,8,9
	15,16,17,19	10				
HVZX9M	PowerPlex® Fusion (STRmix)					
	12,15.3,16.3	16,17,18,26	10,11	15,16,17,18	12	
4e	8,11,12	12,13	14	16,17,22	10,11	12,13
	13,17,18	12,13,14	29,30	14,15,16	X	10,11,12
	20	10,13	5,16		6,8,9.3	8
	16,17					
HXJ78M	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,12	12,[13]
	[13],17,18	12,13,14	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,27.2,28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]			[2]	
HYGQEZ	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	10			2	
J2NAYU	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8
	16,17,[19]	[10]			[2]	
J88A28	PowerPlex® Fusion 5C					
	12,15.3,[16.3]	17,18	10,11	[15],16,17	12	
4e	[8],[10],11,12	12,13	14	16,22	10,11	12
	[13],17,18	12,13,[14]	29,30	15,16	X	10,[11],12
	20	10,[12],13	5,[12],16		6,[8],9.3	8,[9]
	16,17					

TABLE 2

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

Item 4e - STR Results

J8TJEH	PowerPlex® Fusion					
	12,15.3,16.3	17,18	10,11	16,17,18	12	
4e	8,11,12	12,13,15	13,14	16,19,22	10,11	12
	13,17,18	12,13,14	29,30	15,16	X	10,12
	20	10,13	5,16		6,8,9.3	8,9
	16,17,19	10				
J9Z2BT	GlobalFiler™					
	12,15.3,[16.3,17.3]	17,18,[26]	10,11,[14,15]	[15],16,17,[18]	[11],12	
4e	[8,10],11,12	12,13,[15]	[13],14	16,[17,19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,14	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17	[10]			[2]	
JAEV4T	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	16,17	11,12	
4e	[8],11,12	12,13,[15]	13,14	16,[17],[19],22	10,11,12	12
	[13],17,18	12,13,14	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,27.2,28.2	6,[8],9.3	8
	16,17,[19]	-			2	
JAHD7X	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2,[29.2]	6,[8],9.3	8,[9]
	16,17,[19]	10			2	
JAYYU2	PowerPlex® Fusion					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,11,12,13	5,12,16		6,8,9.3	8
	16,17,19	10				
JB9U6C	GlobalFiler™ (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
JBUM76	PowerPlex® Fusion (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
4e	8,11,12	12,13,15	14	16,17,19,22	10,11	12
	17,18	12,13,14	29,30	15,16	X	10,11,12
	20	10,13	5,16		6,8,9.3	8
	16,17,19					

TABLE 2

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

Item 4e - STR Results

JCWRBC	GlobalFiler™					
	12,15.3,[16.3],[17.3]	17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	14	16,[17],[19],22	10,11,[12]	12,[13]
	17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,9.3	8,[9]
	16,17,[19]	[10]			[2]	
JHMMAG	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	10			2	
JJZKL8	NGM Slect, MiniFiler					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]		
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,[11],[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],[12]
	20			22.2,[27.2],28.2	6,[8],9.3	
	16,17,[19]					
JN3V2M	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8
	16,17,[19]	[10]			2	
JPBZGW	PowerPlex® 21					
	12,15.3,16.3,17.3	17,18,26		15,16,17,18	12,12	14,15,17,18
4e	10,11,12	12,13,15		16,19,22	10,11,12	12,12,13
	13,17,18	12,13,14	29,30		X,Y	10,11,12
	20,20	10,11,12,13	5,16		6,8,9.3	8,8
	16,17,19					
JQMC78	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
4e	11,12	12,13	14	16,22	10,11,[12]	12
	17,18	12,13,[14]	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
JRUQE9	PowerPlex® Fusion (STRmix)					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,13	5,12,16		6,8,9.3	8,9
	16,17,19	INC				

TABLE 2

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

Item 4e - STR Results

JRZANC	GlobalFiler™					
	12,15.3,[16.3,17.3]	[16],17,18,[26]	10,11,[14],[15]	16,17,[18]	[11],12,12	
4e	11,12	12,13,[15]	[13],14,14	16,[17],22	10,11,[12]	12,12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,X,[Y]	10,[11],12
	20,20			22.2,[27.2],28.2	6,[8],9.3	8,8
	16,17	[10]			[2]	
JTLUX9	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20,20			22.2,27.2,28.2	6,8,9.3	8,8
	16,17,19	10			2	
JTNHJT	PowerPlex® Fusion					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10				
JTQ6XL	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
JY3EK3	GlobalFiler™ (STRmix)					
	12,15.3	17,18	10,11	16,17	12	
4e	11,12	12,13	14	16,22	10,11	12
	17,18	12,13,14	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
JYRDAF	GlobalFiler™					
	12,15.3,17.3	16,17,18,26	10,11,14,15	15,16,17	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
JYZPEJ	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	NR	18		

TABLE 2

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

K42V62	GlobalFiler™ (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10		2		
K8QUH6	Investigator® 24plex QS					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10				
K9F3QK	GlobalFiler™					
	12,15.3,[16.3],[17.3]	17,18	10,11,[14],[15]	[15],16,17,[18]	[11],12	
	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8
	16,17,[19]	10		2		
K9GVNT	GlobalFiler™ (STRmix)					
	12,15.3	17,18	10,11,[14]	16,17	12	
	11,12	12,13	14	16,[19],22	10,11,[12]	12
	17,18	12,13,[14]	29,30	15,16	X,[Y]	10,12
	20			22.2,28.2	6,[8],9.3	8
	16,17	[10]		[2]		
KE96XQ	Identifiler®, MiniFiler, Identifiler Plus (STRmix V2.5.11)					
		[16],17,18,[26]		[15],16,17,[18]	[11],12	
	[8],11,12	12,13,[15]			10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30		X,[Y]	10,[11],12
	20,20				6,[8],9.3	8,[9]
	16,17,[19]					
KFEURM	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,[18]	11,12	
	8,11,12	12,13,15	13,14	16,[17,19],22	10,11,12	12,13
	[13],17,18	12,13,14	29,30	14,15,16	X,Y	10,[11],12
	20			22.2,27.2,28.2	6,8,9.3	8,[9]
	16,17,[19]	10		2		
KGE3CM	Investigator® 24plex QS (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
	8,10,11,12	11,12,13,15	13,14	15,16,17,19,21,22	9,10,11,12	11,12,13
	16,17,18	11,12,13,14	28,29,30	14,15,16,17	X,X	9,10,11,12
	19,20			21.2,22.2,27.2,28.2	6,7,8,9.3	8,9
	15,16,17,19	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 4e - STR Results

KJVLWH	GlobalFiler™					
		12,15.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12
	4e	10,11,12	12,13,15	13,14	16,19,22	10,11,12
		13,17,18	12,13,14	29,30	15,16	X
		20			22.2,27.2,28.2	6,8,9.3
	16,17	10			8,9	
KMZKKA	GlobalFiler™					
		12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	16,17,[18]	12,12
	4e	[8],[10],11,12	12,13,[15]	14,14	16,[17],[19],22	10,11,[12]
		[13],17,18	12,13	29,30	15,16	X,X,[Y]
		20,20			22.2,[27.2],28.2	6,[8],9.3
	16,17,[19]	[10]			[2]	
KQD694	PowerPlex® Fusion (STRMix)					
		12,15.3,16.3,17.3	17,18	10,11,15	15,16,17,18	11,12
	4e	8,10,11,12	12,13,15	14	16,19,22	10,11,12
		13,17,18	12,13	29,30	15,16	X
		20	10,13	5,16		6,9.3
	16,17,19				8	
KQTFWB	Identifiler® Plus (DNA View)					
			17,18		16,17	12
	4e	11,12	12,13			10,11
		17,18	12,13	29,30		X,X
		20				6,9.3
	16,17				8	
KR4D88	GlobalFiler™					
		12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12
	4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12
		13,17,18	12,13,14	29,30	14,15,16	X,Y
		20			22.2,27.2,28.2	6,8,9.3
	16,17,19	10			8,9	
					2	
KUUCNQ	GlobalFiler™					
		12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17	11,12
	4e	8,10,11,12	12,13,15	13,14	16,19,22	10,11,12
		13,17,18	12,13,14	29,30	15,16	X,Y
		20			22.2,27.2,28.2	6,8,9.3
	16,17,19	10			8,[9]	
					[2]	
KVCY6Q	PowerPlex® 21 (STRmix v2.6)					
		12,15.3,16.3,17.3	16,17,18,26		15,16,17,18	11,12
	4e	8,10,11,12	12,13,15		16,17,19,22	10,11,12
		13,17,18	12,13,14	29,30		X,Y
		20	10,11,12,13	5,12,16		6,8,9.3
	16,17,19				8,9	

TABLE 2

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

Item 4e - STR Results

KW4EH3	PowerPlex® Fusion 5 (STRmix)					
	12,15.3	17,18	10,11,15	15,16,17	11,12	
4e	11,12	12,13,15	13,14	16,19,22	10,11,12	12,13
	17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,13	5,16		6,9.3	8,9
	16,17	10				
KX29C8	GlobalFiler™					
	12,15.3,[16.3],17.3	[16],17,18,[26]	10,11,[14],[15]	[15],16,17	11,12	
4e	[8],[10],11,12	12,13,[15]	13,14	16,[17],[19],22	10,11,12	12
	[13],17,18	12,13,14	29,30	14,15,16	X,Y	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]			2	
KXBLV4	PowerPlex® Fusion (STRmix (4e))					
	12,15.3,[16.3],[17.3]	16,17,18,26	10,11,[14],[15]	15,16,17,18	[11],12	
4e	[8],[10],11,12	12,13,[15]	13,14	16,[17],[19],22	10,11,12	12,[13]
	13,17,18	12,13,14	29,30	[14],15,16	X,[Y]	10,[11],12
	20	10,[11],[12],13	5,[12],16		6,[8],9.3	8,[9]
	16,17,[19]	[10]				
KXJ28P	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,[26]	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,[17,19],22	10,11,12	12,[13]
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,[8],9.3	8,[9]
	16,17,[19]	10			2	
KZHYGB	PowerPlex® Fusion (TrueAllele)					
	12,15.3,[16.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20	10,[12],13	5,16		6,[8],9.3	8
	16,17,[19]	10				
L3NBXH	PowerPlex® Fusion 6C					
	12,15.3,[17.3]	[16],17,18,[26]	10,11,[14]	[15],16,17	[11],12	
4e	[8],[10],11,12	12,13	14	16,[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,12
	20	10,13	5,16	22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]	[17]			
L3NWB4	PowerPlex® Fusion (STRmix)					
	12,15.3,[16.3]	[16],17,18	10,11	16,17,[18]	[11],12	
4e	[8],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X	10,[11],12
	20	10,13	5,16		6,9.3	8,[9]
	16,17,[19]					

TABLE 2

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

Item 4e - STR Results

L3QJU4	PowerPlex® Fusion					
	12,15.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	12	12,13
	13,17,18	12,13,14	29,30		X,Y	10,11
	20	11	12		6,8,9.3	8
	16,17,19	10				
L4CGR9	Identifiler® Plus					
		16,17,18,26		15,16,17,18	11,12	
4e	8,10,11,12	12,13,15			10,11,12	12,13
	13,17,18	12,13,14	29,30		X,Y	10,11,12
	20				6,8,9.3	8,9
	16,17,19					
L6WWNX	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17,19	10			2	
L8VEDD	PowerPlex® Fusion 5C					
	12,15.3,16.3,17.3	17,18,26	10,11	15,16,17	12,12	
4e	8,10,11,12	12,13	13,14	16,17,19,22	10,11,12	12,12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20,20	10,11,12,13	5,16		6,8,9.3	8,8
	16,17					
L9UELQ	GlobalFiler™, Investigator® 24plex					
	12,15.3	17,18,26	10,11	15,16,17,18	12	
4e	11,12	12,13,15	14	16,22	10,11	12,13
	17,18	12,13,14	29,30	15,16	X,Y	10,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17	10				
L9ULWH	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14^],[15^]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17^],[19^],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9^]
	16,17,[19]	[10]			[2]	
LA672L	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8
	16,17,19	10	17	18		

TABLE 2

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

Item 4e - STR Results

LCUQHQ	PowerPlex® Fusion 5C, 6C					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	12	
4e	8,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
LD89P3	PowerPlex® Fusion					
	12,15.3,[17.3]	[16],17,18,[26]	10,11,[14],[15]	16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[14],[15]	[13],14	16,[17],[19],22,[23]	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20	10,[11],[12],13	5,[12],16		6,[8],9.3	8
	16,17,[19]	[10]				
LDAE6H	PowerPlex® Fusion 6C					
	12,15.3	16,17,18	10,11	15,16,17	11,12	
4e	10,11,12	12,13	13,14	16,22	10,11,12	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,27.2,28.2	6,9.3	8
	16,17	NR	NR	NR		
LDQ2GY	GlobalFiler™					
	12,15.3,[16.3,17.3]	[16],17,18,[26]	10,11,[14,15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	10			[2]	
LE2UKE	PowerPlex® Fusion (STRmix)					
	12,15.3,16.3	17,18,26	10,11,14,15	15,16,17,18	12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11	12,13
	13,17,18	12,13,14	29,30	15,16	X	10,11,12
	20	10,13	5,12,16		6,8,9.3	8
	16,17,19	10				
LE63J7	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
LEY6CB	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20,20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	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 4e - STR Results

LFQEWC	Identifiler® Plus (STRmix)					
		17,18,26		16,17,18	11,12	
4e	8,11,12	12,13,15			10,11,12	12,13
	13,17,18	12,13,14	29,30		X,Y	10,12
	20				6,8,9,3	8,9
	16,17,19					
LN2UMK	GlobalFiler™					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,[19],22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9,3	8,9
	16,17,[19]	10			2	
LNQYRY	PowerPlex® Fusion 6C (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9,3	8,9
	16,17,19	10	17	18		
LRH238	PowerPlex® Fusion (STRmix)					
	12,15.3,16.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9,3	8,9
	16,17,19	INC				
LT2WU	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	16,17,18	12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,12,13	5,12,16	22.2,27.2,28.2	6,8,9,3	8
	16,17,19	10	17	18		
LTLXY3	Investigator® 24plex QS					
	12,15.3,16.3,17.3	17,18,26	10,11,15	15,16,17	11,12	
4e	10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9,3	8,9
	16,17,19	10				
LVB88J	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	16,17,[18]	[11],12	
4e	[8],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9,3	8,[9]
	16,17,[19]	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 4e - STR Results

LVLU3X	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
LY94HQ	PowerPlex® Fusion					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10				
LZ8QB3	Investigator® 24plex QS					
	12,15.3,17.3	16,17,18,26	10,11	15,16,17	11,12	
4e	8,11,12	12,13	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10				
M37ZMB	PowerPlex® Fusion 5C (STRMix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,13	5,12,16		6,8,9.3	8
	16,17,19	10				
M4HBN2	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
MC9FBV	PowerPlex® Fusion					
	12,15.3	17,18	10,11,14,15	16,17,18	12	
4e	11,12	12,13,15	14	16,19,22	10,11	12,13
	17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,13	5,16		6,8,9.3	8
	16,17					
MEBB3K	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	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 4e - STR Results

MHBJ7V	PowerPlex® Fusion 5C					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20	10,[11],[12],13	5,[12],16		6,[8],9.3	8,[9]
	16,17,[19]	10				
MK2T9A	PowerPlex® Fusion 5C (STRmix)					
	12,15.3,16.3	17,18,26	10,11	16,17,18	11,12	
4e	11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X	10,11,12
	20	10,12,13	5,16		6,8,9.3	8,9
	16,17,19	10				
MKZWND	GlobalFiler™					
	12,15.3,[16.3,17.3]	[16],17,18,[26]	10,11,[14,15]	[15],16,17,[18]	[11],12	
4e	[8,10],11,12	12,13,[15]	[13],14	16,[17,19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8
	16,17,[19]	[10]			[2]	
MN27RR	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
MQC8AY	PowerPlex® Fusion 6C (STRMix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
MUCVUA	PowerPlex® Fusion 5C (STRmix)					
	12,15.3,[16.3]	17,18	10,11	[15],16,17	12	
4e	11,12	12,13,[15]	14	16,[17],[19],22	10,11	12
	17,18	12,13,[14]	29,30	15,16	X	10,12
	20	10,[12],13	5,16		6,9.3	8
	16,17,[19]					
MXTDT7	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		

TABLE 2

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

Item 4e - STR Results

MZE99J	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17,19	10			2	
N2MPY3	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,9.3	8
	16,17	10			2	
N3C2RG	Investigator® 24plex QS					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	N/A
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,12
	20	N/A	N/A	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	N/A	N/A	N/A	
N3JJVR	GlobalFiler™					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12,13	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
N4DPFL	GlobalFiler™					
	12,15.3,16.3,[17.3]	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
N4UJWT	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]			2	
N4VMZY	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		

TABLE 2

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

Item 4e - STR Results

N64WEP	GlobalFiler™ PCR Amplification Kit						
	10,11,15						
4e	13						
	12,13,14						
	20					6,8,9.3	8
N6NK87	PowerPlex® Fusion						
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12		
4e	8,11,12	12,13,15	14	16,17,19,22	10,11,12	12,13	
	12,13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12	
	20	10,13	5,12,16	6,8,9.3		8	
	16,17,19						
N7M9JU	Identifiler® Plus						
	17,18,26		16,17		12		
4e	8,11,12	12,13,15			10,11,12	12	
	13,17,18	12,13,14	29,30	X,Y		10,12	
	20	6,8,9.3				8,9	
	16,17						
N9CGQB	Investigator® 24plex						
	12,15.3,[16.3],[17.3]	[16],17,18	10,11	[15],16,17,[18]	12		
4e	11,12	12,13,[15]	14	16,[17],[19],22	10,11,[12]	12,[13]	
	[13],17,18	12,13,[14]	29,30	15,16	X	10,12	
	20	22.2,[27.2],28.2				6,[8],9.3	8,[9]
	16,17,[19]	[10]					
NAFEVC	GlobalFiler™						
	12,15.3,[16.3],[17.3]	17,18,26	10,11,[14],[15]	15,16,17,[18]	11,12		
4e	[8],11,12	12,13,[15]	13,14	16,[17],[19],22	10,11,12	12,[13]	
	13,17,18	12,13,14	29,30	15,16	X,[Y]	10,[11],12	
	20	22.2,27.2,28.2				6,[8],9.3	8,[9]
	16,17,[19]	10	2				
NALQGM	GlobalFiler™						
	12,15.3,[16.3],[17.3]	17,18,[26]	10,11,[14],[15]	16,17,[18]	12		
4e	[8],[10],11,12	12,13,[15]	13,14	16,[17],[19],22	10,11,[12]	12,[13]	
	17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12	
	20	22.2,[27.2],28.2				6,[8],9.3	8
	16,17	10	2				
NDW9Q7	PowerPlex® Fusion 5C (STRMix)						
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12		
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13	
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12	
	20	10,11,12,13	5,12,16	6,8,9.3		8,9	
	16,17,19	INC					

TABLE 2

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

Item 4e - STR Results

NF84JP	GlobalFiler™					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
NF9G2W	GlobalFiler™					
	12,15.3,17.3	17,18,26	10,11,14,15	15,16,17	11,12	
4e	11,12	12,13,15	13,14	16,19,22	10,11	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,12
	20			22.2,28.2	6,8,9.3	8
	16,17	10			2	
NFMZNE	GlobalFiler™					
	12,15.3,[16.3]	[16],17,18,[26]	10,11,[14]	[15],16,17,[18]	[11],12	
4e	[8],11,12	12,13	[13],14	16,[19],22	10,11,[12]	12
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,28.2	6,[8],9.3	8,[9]
	16,17,[19]				2	
NFN7E6	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,19,22	10,11,12	12,13
	17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17			
NHA2UH	GlobalFiler™ (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
NKKY8Y	PowerPlex® Fusion					
	12,15.3,17.3	17,18,26	10,11,14	16,17	11,12	
4e	11,12	12,13,15	13,14	16,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,12,13	5,16		6,8,9.3	8
	16,17					
NL3GPH	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	11,12	-
4e	[8],[10],11,12	12,13,[15]	13,14	16,[17],[19],22	10,11,12	12,[13]
	[13],17,18	12,13,14	29,30	[14],15,16	X,[Y]	10,[11],12
	20	-	-	22.2,27.2,28.2	6,[8],9.3	8,[9]
	16,17,[19]	[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 4e - STR Results

NMNUMV	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
NPAGG4	GlobalFiler™, MiniFiler					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17,19	10			2	
NPC4YH	PowerPlex® Fusion					
	12,15.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,9.3	8,9
	16,17,18,19	10				
NRVCXH	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
NTE62Z	PowerPlex® Fusion					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,13	5,12,16		6,8,9.3	8
	16,17,19					
NWU697	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,[16]	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]			2	
NXRP72	PowerPlex® Fusion (STRMix)					
	12,15.3,16.3,17.3	14*,16,17,18,26	10,11,14,15	15,16,17	11,12	
4e	10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,11,12,13	5,16		6,8,9.3	8,9
	16,17,19	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 4e - STR Results

NZER4E	GlobalFiler™					
	12,15.3,[16.3],[17.3]	16,17,18,26	10,11,14,[15]	16,17,18	11,12	
4e	[8],10,11,12	12,13,15	13,14	16,[17],[19],22	10,11,12	12,[13]
	[13],17,18	12,13,14	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,27.2,28.2	6,[8],9.3	8,[9]
	16,17,[19]	10			2	
NZQC84	PowerPlex® Fusion (STRMix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	INC				
NZURQV	PowerPlex® Fusion 5C					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	16,17	11,12	
4e	8,10,11,12	12,13,15	14,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20,20	10,13	5,12,16		6,8,9.3	8,8
	16,17,19					
P2KB8M	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
P2XU7Y	PowerPlex® Fusion 5C (STRmix)					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,14	29,30	[14],15,16	X,[Y]	10,11,12
	20	10,[11],13	5,12,16		6,8,9.3	8,[9]
	16,17,[19]					
P6L87V	PowerPlex® Fusion 5C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19					
PB6V3J	IDplexPlus					
		17,18		16,17	12,12	
4e	11,12	12,13			10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20				6,9.3	8,8
	16,17					

TABLE 2

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

Item 4e - STR Results

PC44YP	PowerPlex® 21					
	12,15.3,16.3,17.3	17,18		16,17	12,12	14,18
4e	11,12	12,13,15		16,19,22	10,11,12	12,12
	13,17,18	12,13,14	29,30		X,Y	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
PCGDHJ	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
PCNGB3	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
PE9DQF	GlobalFiler™ Plus					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
PF4LP4	GlobalFiler™					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
PGH28C	PowerPlex® F6C (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
PGUK6M	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	16,17,[18]	[11],12	
4e	[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8
	16,17,[18**],[19]	[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 4e - STR Results

PHXZQ2	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
PJLJL	GlobalFiler™					
	12,15.3,[16.3],[17.3]	16,17,18,26	10,11,14,[15]	15,16,17,[18]	11,12	
4e	[8],10,11,12	12,13,15	13,14	16,[17],[19],22	10,11,12	12
	[13],17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,[8],9.3	8
	16,17,[19]	10			2	
PK9WN6	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20,20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
PMMHZ7	PowerPlex® Fusion 6C					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	16,17,[18]	[11],12	
4e	[8],11,12	12,13,[15]	14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20	10,[11],13	5,[12],16	22.2,[27.2],28.2	6,[8],9.3	8
	16,17,[19]	[10]	[17]	[18]		
PRA3HL	GlobalFiler™ PCR Amplification kit					
	12,15.3	17,18	10,11	16,17	12,12	
4e	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17					
PW8MDH	PowerPlex® Fusion 6C					
	12,15.3	16,17,18	10,11,14,15	15,16,17,18	12	
4e	8,10,11,12	12,13	14	16,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X	10,12
	20	10,13	5,12,16	22.2,27.2,28.2	6,9.3	8
	16,17,19	10				
PYDZAY	GlobalFiler™					
	12,15.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,11,12	12,13,15	14	16,22	10,11,12	12,13
	17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17	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 4e - STR Results

PZPK9Z	PowerPlex® Fusion (STRmix)					
	12,15.3,16.3,17.3	16,17,18	10,11,14,15	15,16,17	11,12	
4e	8,11,12	12,13,15	14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,13	5,12,16		6,8,9.3	8
	16,17,19					
Q227RF	PowerPlex® PP21					
	12,15.3,[16.3,17.3]	17,18,[26]		[15],16,17	12,12	14,18
4e	[8,10],11,12	12,13,[15]		16,[19],22	10,11	12,12
	17,18	12,13,[14]	29,30		X,X	10,12
	20,20	10,[12],13	5,[12],16		6,[8],9.3	8,8
	16,17,[19]					
Q2JCQ6	GlobalFiler™ (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			20,22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
Q2TW99	PowerPlex® Fusion 6C, GlobalFiler™ (STRmix)					
	12,15.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,13	5,16	22.2,27.2,28.2	6,8,9.3	8
	16,17,19	10	NR	18	NR	
Q2XP73	GlobalFiler™					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	16,17,18	11,12	
4e	8,10,11,12	12,13	14	16,17,19,22	10,11,12	12,13
	17,18	12,13,14	29,30	15,16	X,Y	10,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17	10			2	
Q3TVHA	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12,12	
4e	[8],[10],11,12	12,13,[15]	[13],14,14	16,[17],[19],22	10,11,[12]	12,12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,X,[Y]	10,[11],12
	20,20			22.2,[27.2],28.2	6,[8],9.3	8,8,[9]
	16,17,[19]	[10]			[2]	
Q3U4W2	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,12	12,[13]
	[13],17,18	12,13,14	29,30	[14],15,[16]	X,[Y]	10,[11],12
	20			22.2,27.2,28.2	6,[8],[9.3]	8,[9]
	16,17,[19]	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 4e - STR Results

Q4PNKZ	Investigator® 24plex QS (STRmix)					
	11,12,14.3,15.3,16.3,17.3,Q	16,17,18,26,Q	9,10,11,14,Q	15,16,17,18,Q	11,12,Q	
4e	8,10,11,12	11,12,13,14,15,Q	12,13,14,Q	15,16,17,19,21,22	9,10,11,12,Q	11,12,13,Q
	13,16,17,18,Q	11,12,13,14,Q	28,29,30,Q	14,15,16,17,Q	X,Y	9,10,11,12,Q
	19,20,Q			21.2,22.2,27.2,28.2,Q	6,8,9.3,Q	8,9,Q
	15,16,17,19	10				
Q7RBVX	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12	
4e	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16		6,9.3	8
	16,17					
Q82E82	Identifiler® Plus					
		16,17,18,26		15,16,17,18	11,12	
4e	8,10,11,12	12,13,15			10,11,12	12,13
	13,17,18	12,13,14	29,30		X,Y	10,11,12
	20				6,8,9.3	8,9
	16,17,19					
QAB48Q	PowerPlex® Fusion 6C (STRmix)					
	12,15.3	17,18	10,11	16,17	12,12	
4e	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
QB234G	GlobalFiler™					
	12,15.3,16.3,[17.3]	16,17,18,26	10,11,14,15	15,16,17,[18]	11,12	-
4e	[8],10,11,12	12,13,[15]	13,14	16,17,[19],22	10,11,12	12,[13]
	[13],17,18	12,13,14	29,30	14,15,16	X,Y	10,[11],12
	20	-	-	22.2,27.2,28.2	6,[8],9.3	8,8
	16,17,[19]	10	-	-	2	
QBX7D7	GlobalFiler™					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,11,12	12,13,15	14	16,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17,19	10			2	
QDPXUP	GlobalFiler™					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17	11,12	
4e	8,10,11,12	12,13,15	13,14	16,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,[9]
	16,17,19	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 4e - STR Results

QKMMBU	Investigator® 24plex					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	10				
QL282J	PowerPlex® Fusion 5C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10				
QLPWHY	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	10			2	
QMWFV9	GlobalFiler™					
	12,15.3,17.3	16,17,18,26	10,11,14,15	15,16,17	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
QNBHD8	GlobalFiler™					
	12,15.3,[16.3],[17.3]	16,17,18,[26]	10,11,[14],[15]	15,16,17,[18]	11,12	
4e	[8],10,11,12	12,13,[15]	13,14	16,[17],[19],22	10,11,12	12,[13]
	[13],17,18	12,13,14	29,30	15,16	X,Y	10,[11],12
	20			22.2,27.2,28.2	6,[8],9.3	8
	16,17,[19]	10			2	
QPJEG7	PowerPlex® Fusion 5C (True Allele)					
	12,15.3,[16.3]	[16],17,18,[26]	10,11,[14]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20	10,[12],13	5,[12],16		6,[8],9.3	8,[9]
	16,17,[19]	10				
QPYKUA	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,12	12,[13]
	[13],17,18	12,13,14	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,27.2,28.2	6,[8],9.3	8,[9]
	16,17,[19]	[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 4e - STR Results

QRB7VW	GlobalFiler™					
	12,15.3,[16.3,17.3]	[16],17,18,[26]	10,11,[14,15]	[15],16,17,[18]	[11],12	
4e	[8,10],11,12	12,13,[15]	[13],14	16,[17,19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,12
	20			22.2,[27.2],28.2	6,[8],9.3	8
	16,17,[19]	[10]			[2]	
QT8U2Y	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
QUH43P	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	10			2	
QUYRA7	PowerPlex® Fusion 5C					
	12,15.3,16.3	16,17,18,26	10,11,14,15	15,16,17	11,12	
4e	11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,13	5,16		6,8,9.3	8
	16,17	10				
QVW4AF	PowerPlex® Fusion					
	12,15.3,16.3,17.3	17,18,26	10,11,15	15,16,17,18	12	
4e	8,10,11,12	12,13,15	14	16,17,19,22	10,11,12	12
	13,17,18	12,13	29,30	15,16	X,Y	10,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10				
QWN2GL	GlobalFiler™					
	12,15.3,17.3	16,17,18	10,11	15,16,17,18	11,12	
4e	10,11,12	12,13,15	13,14	16,19,22	10,11,12	12
	17,18	12,13	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,9.3	8,9
	16,17,19				2	
QYQ2GJ	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		

TABLE 2

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

Item 4e - STR Results

R3AWW2	GlobalFiler™ (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
R4MFVD	GlobalFiler™					
	12,15.3,[16.3],[17.3]	17,18,[26]	10,11,[14],15	15,16,17,18	11,12	
4e	[8],10,11,12	12,13,15	13,14	16,[19],22	10,11,12	12,[13]
	[13],17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,[8],9.3	8
	16,17,[19]	10			2	
R4Y9PF	Investigator® 24plex QS					
	12,15.3,16.3,[17.3]	16,17,18,26	10,11,[14],[15]	16,17,18	11,12	
4e	11,12	12,13,[15]	13,14	16,17,19,22	10,11,12	12,[13]
	[13],17,18	12,13,[14]	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,9.3	8,9
	16,17,19	10				
R829PC	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	10			2	
RC6M6G	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	11,12	NT
4e	[8],[10],11,12	12,13,[15]	13,14	16,[17],[19],22	10,11,[12]	12,12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,X,[Y]	10,[11],12
	20,20	NT	NT	22.2,[27.2],28.2	6,[8],9.3	8,8,[9]
	16,17,[19]	10	NT	NT	2	
RD2WH8	Identifiler® Plus (STRmix)					
		17,18,26		15,16,17,18	12	
4e	8,11,12	12,13,15			10,11,12	12,13
	13,17,18	12,13,14	29,30		X,Y	10,12
	20				6,8,9.3	8,9
	16,17,19					
RFFWKE	GlobalFiler™					
	12,15.3,[16.3],17.3]	17,18,[26]	10,11,[15]	[15],16,17,[18]	11,12	
4e	[8],10,11,12	12,13,[15]	13,14	16,[17,19],22	10,11,12	12,[13]
	17,18	12,13,[14]	29,30	15,16	X,X	10,12
	20			22.2,[27.2],28.2	6,[8],9.3	8
	16,17	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 4e - STR Results

RL2HGL	PowerPlex® Fusion 5C					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	16,17,18	12	
4e	10,11,12	12,13,15	14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,11,12,13	5,12,16		6,8,9,3	8
	16,17,19					
RLFTC7	GlobalFiler™ (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13	14	16,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20			22.2,28.2	6,8,9,3	8
	16,17	10			2	
RM74X8	PowerPlex® Fusion 5C, GlobalFiler™ (STRmix)					
	12,15.3,16.3,17.3	16,17,18	10,11,14,15	15,16,17,18	11,12	
4e	10,11,12	12,13,15	13,14	16,17,22	10,11,12	12,13
	17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,13	5,16	22.2,27.2,28.2	6,9,3	8
	16,17,19	NR			NR	
RMQVY6	GlobalFiler™ (STRmix)					
	12,15.3,16.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,22	10,11,12	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,9,3	8
	16,17				2	
RNN48N	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	12	
4e	8,10,11,12	12,13,15	14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,12,13	5,12,16	22.2,27.2,28.2	6,8,9,3	8,9
	16,17,19	10	17	18		
RNZPTJ	PowerPlex® Fusion 6C, 5C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	12	
4e	8,10,11,12	12,13,15	14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9,3	8,9
	16,17,19		17	18		
RPBREH	PowerPlex® Fusion 6C, 5C					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	16,17,18	12	
4e	8,11,12	12,13,15	14	16,17,19,22	10,11	12
	13,17,18	12,13,14	29,30	15,16	X	10,11,12
	20	10,13	5,12,16	22.2,27.2,28.2	6,8,9,3	8,9
	16,17,19	10		18		

TABLE 2

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

RT2Q2T	PowerPlex® Fusion 5C					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20,20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10				
RY4Z7Z	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20,20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
T2P72G	GlobalFiler™					
	12,15.3,[16.3]	17,18	10,11	[15],16,17,[18]	11,12	
4e	11,12	12,13,[15]	14	16,[19],22	10,11,12	12
	17,18	12,13	29,30	15,16	X	10,[11],12
	20			22.2,28.2	6,9.3	8
	16,17	ND			ND	
T38GBN	GlobalFiler™					
	12,15.3,16.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,9.3	8,9
	16,17,19	10			2	
T6AD2H	PowerPlex® Fusion 5C					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20	10,[11],[12],13	5,[12],16		6,[8],9.3	8
	16,17,[19]	10				
T6QZ6D	PowerPlex® Fusion 6C					
	12,15.3,16.3	17,18,26	10,11,14,15	16,17,18	12	
4e	8,11,12	12,13,15	14	16,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,12,13	5,16	22.2,28.2	6,9.3	8
	16,17	10	17	18		
T74RZF	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	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 4e - STR Results

T7JYDK	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9,3	8
	16,17,19	10			2	
T7QYL2	PowerPlex® F6C					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9,3	8,9
	16,17,19	10	17	18		
T8CWJ7	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9,3	8,9
	16,17,19	10			2	
T8YK38	GlobalFiler™					
	12,15.3	17,18	10,11,14,15	15,16,17,18	12	
4e	8,10,11,12	12,13,15	14	16,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X	10,12
	20			22.2,28.2	6,8,9,3	8,9
	16,17				2	
TFRWEM	GlobalFiler™					
	12,15.3,16.3	16,17,18,26	10,11,14,15	16,17,18	11,12	
4e	8,10,11,12	12,13,15	14	16,19,22	10,11,12	12,13
	17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9,3	8
	16,17,19	10				
TH2Y9Y	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	11,12	
4e	[8],[10],11,12	12,13,[15]	13,14	16,[17],[19],22	10,11,[12]	12,12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,X,Y	10,12
	20,20			22.2,27.2,28.2	6,[8],9,3	8,8,[9]
	16,17,[19]	10			2	
TMP6JA	PowerPlex® Fusion (TrueAllele)					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20	10,[12],13	5,[12],16		6,[8],9,3	8,[9]
	16,17,[19]	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 4e - STR Results

TMWNWX	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
TNKUYN	PowerPlex® Fusion 6C (STRmix)					
	12,15.3	17,18	10,11	16,17	12,12	
4e	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
TRHDWG	GlobalFiler™					
	12,15.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	10,11,12	12,13,15	13,14	16,17,22	10,11	12,13
	17,18	12,13,14	29,30	14,15,16	X	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10				
TRWZY4	Identifiler®, MiniFiler					
		[16],17,18,[26]		[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]			10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30		X,[Y]	10,[11],12
	20				6,[8],9.3	8,[9]
	16,17,[19]					
TTDZ9K	GlobalFiler™					
	12,15.3,[16.3,17.3]	[16],17,18,[26]	10,11,[14,15]	[15],16,17,[18]	[11],12	
4e	[8,10],11,12	12,13,[15]	[13],14	16,[17],22	10,11,[12]	12
	17,18	12,13,[14]	29,30	15,16	X,[Y]	10,11,12
	20			22.2,[27.2],28.2	6,9.3	8,[9]
	16,17	[10]			[2]	
TTU28F	GlobalFiler™					
	12,15.3,16.3,17.3	17,18,25,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17,19	10			2	
TU7PML	GlobalFiler™ PCR Amplification Kit					
	12,15.3,16.3,17.3	16,17,18,26	10,11,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	17,18	12,13,14	29,30	14,15,16	X,X	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17				2	

TABLE 2

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

Item 4e - STR Results

TUNPQB	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,[9]
	16,17,19	10			2	
TWEYRP	PowerPlex® Fusion 6C (STRmix)					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
TWXD88	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	11,12	
4e	[8],[10],11,12	12,13,[15]	13,14	16,[17],[19],22	10,11,12	12,[13]
	13,17,18	12,13,14	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,27.2,28.2	6,8,9.3	8,[9]
	16,17,[19]	10			2	
TXN8HC	Identifiler®, Investigator® 24plex QS					
	12,15.3	[16],17,18,[26]	10,11	[15],16,17,[18]	[11],12	N/A
4e	[8],[10],11,12	12,13,[15]	14	16,[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20	N/A	N/A	22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	N/A	N/A	N/A	N/A	
TYK9WF	PowerPlex® Fusion					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10				
TZFWB6	GlobalFiler™					
	12,15.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,[9]
	16,17,19	10			2	
U3KXWN	PowerPlex® Fusion					
	12,15.3	17,18	10,11,14	16,17	11,12	
4e	10,11,12	12,13	14	16,17,22	10,11,12	12
	17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,13	5,16		6,8,9.3	8
	16,17,19					

TABLE 2

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

Item 4e - STR Results

U68JJJ	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	10,11,12	12,13,15	13,14	16,19,22	10,11,12	12
	17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
U94C99	PowerPlex® Fusion					
	12,15.3,[16.3]	[16],17,18,[26]	10,11,[15]	[15],16,17	[11],12	
4e	[8,10],11,12	12,13,[15]	[13],14	16,[17,19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20	10,[12],13	5,16		6,[8],9.3	8
	16,17	10				
UACEB7	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]			[2]	
UC7TM9	GlobalFiler™					
	12,15.3,[16.3,17.3]	16,17,18,[26]	10,11,[14,15]	16,17,[18]	11,12	
4e	[8,10],11,12	12,13,[15]	14,14	16,22	10,11,[12]	12,12
	17,18	12,13,14	29,30	15,16	X,[Y]	10,12
	20,20			22.2,27.2,28.2	6,[8],9.3	8,8
	16,17,[19]	10			2	
UDCKUH	GlobalFiler™					
	12,15.3	16,17,18	10,11,15	15,16,17,18	11,12	
4e	11,12	12,13,15	13,14	16,22	10,11,12	12,12
	13,17,18	12,13,14	29,30	15,16	X	10,12
	20,20			22.2,27.2,28.2	6,9.3	8,8
	16,17				2	
UDULH7	GlobalFiler™					
	12,15.3	17,18,26	10,11,14,15	15,16,17	12	
4e	8,11,12	12,13,15	14	16,19,22	10,11	12
	13,17,18	12,13	29,30	15,16	X,Y	10,12
	20			22.2,28.2	6,9.3	8
	16,17,19	10			2	
UGYNQ2	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	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 4e - STR Results

UKL8RY	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],[17],18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],[22]	10,11,12	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,27.2,28.2	6,[8],9.3	8,[9]
	16,17,[19]	10			2	
UKU4XH	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
ULUHQN	Identifiler® Plus (STRmix)					
		17,18,26		16,17,18	12	
4e	8,11,12	12,13,15			10,11,12	12
	13,17,18	12,13,14	29,30		X,Y	10,12
	20				6,8,9.3	8
	16,17,19					
UM4KCM	Identifiler® Plus					
		17,18,26		16,17,18	12	
4e	8,11,12	12,13,15			10,11,12	12,13
	13,17,18	12,13,14	29,30		X	10,12
	20				6,8,9.3	8,9
	16,17,19					
UM9RVH	GlobalFiler™					
	12,15.3,[16.3],[17.3]	17,18,[26]	10,11,[14],[15]	15,16,17,[18]	11,12	
4e	[8],11,12	12,13,[15]	14	16,[17],[19],22	10,11,12	12,[13]
	13,17,18	12,13,14	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,28.2	6,[8],9.3	8
	16,17	10			2	
UNHRX4	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
UTEEVX	GlobalFiler™					
	12,15.3	17,18	10,11	15,16,17	12	
4e	11,12	12,13	14	16,22	10,11	12
	17,18	12,13,14	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					

TABLE 2

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

Item 4e - STR Results

UTP2PR	Investigator® 24plex					
	12,15.3,[16.3,17.3]	17,18,[26]	10,11,[14,15]	16,17,[18]	12	
4e	[8],11,12	12,13,[15]	[13],14	16,[17,19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]				
UTXKT3	GlobalFiler™ (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
V3HVV3	GlobalFiler™					
	12,15.3,[16.3],[17.3]	17,18,[26]	10,11,[14],[15]	16,17,[18]	11,12	
4e	[8],11,12	12,13,[15]	13,14	16,[17],22	10,11,[12]	12
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,27.2,28.2	6,[8],9.3	8
	16,17	10			2	
VB8FLF	GlobalFiler™					
	12,15.3	16,17,18	10,11	16	11,12	
4e	11,12	12,13	13,14	16,19,22	10,11,12	12
	13,17,18	12,13	29,30	15,16	X,Y	10,12
	20			22.2,28.2	9.3	8
	16					
VCJ2CH	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,(14)	15,16,17	11,12	
4e	(8),11,12	12,13,(15)	13,14	16,(19),22	10,11	12
	13,17,18	12,13,14	29,30	15,16	X,(Y)	10,11,12
	20			22.2,27.2,28.2	6,(8),9.3	8,9
	16,17,19	10			2	
VCKUAP	PowerPlex® Fusion 5C					
	12,15.3,16.3,17.3	17,18,26	10,11,14	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20,20	10,13	5,16		6,8,9.3	8,8
	16,17,19					
VJL798	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12,12	
4e	[8],[10],11,12	12,13,[15]	[13],14,14	16,17,19,22	10,11,[12]	12,12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,X,[Y]	10,[11],12
	20,20			22.2,[27.2],28.2	6,8,9.3	8,8,[9]
	16,17,[19]	[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 4e - STR Results

VKUHMN	PowerPlex® Fusion 5C					
	12,15.3,16.3	17,18,26	10,11	16,17,18	12,12	
4e	8,10,11,12	12,13,15	14,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,X	10,11,12
	20,20	10,13	5,16		6,8,9.3	8,9
	16,17,19					
VLCTXV	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[10],11,12,[13]	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	10			2	
VMKH48	PowerPlex® Fusion 5C					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,13	5,16		6,8,9.3	8,9
	16,17,19	10				
VNTVPF	PowerPlex® Fusion 6C					
	12,15.3,16.3	17,18	10,11,14,15	16,17,18	12	
4e	11,12	12,13	14	16,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,12,13	5,16	22.2,27.2,28.2	6,9.3	8,9
	16,17,19	10				
VNXFT4	GlobalFiler™					
	12,15.3,[16.3,17.3]	17,18,[26]	10,11,[15]	[15],16,17,[18]	11,12	
4e	[8],11,12	12,13,[15]	13,14	16,[19],22	10,11,12	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,28.2	6,9.3	8
	16,17,[19]				2	
VP2ZU4	PowerPlex® Fusion 5C					
	12,15.3,16.3	17,18,26	10,11,15	15,16,17,18	11,12	
4e	10,11,12	12,13	13,14	16,17,22	10,11,12	12,13
	17,18	12,13,14	29,30	15,16	X,Y	10,12
	20,20	10,11,12,13	5,16		6,8,9.3	8,8
	16,17,19					
VPB8LK	GlobalFiler™					
	12,15.3,16.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	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 4e - STR Results

VQ3R3X	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
VQYDEB	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]			[2]	
VTQJJM	GlobalFiler™					
	12,15.3,[16.3,17.3]	17,18,[26]	10,11,[14,15]	[15],16,17,[18]	[11],12	
4e	[10],11,12	12,13,[15]	[13],14	16,[17,19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17	[10]			[2]	
VUZ4DB	GlobalFiler™ (STRmix)					
	12,15.3,16.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	17,18	12,13,14	29,30	15,16	X,Y	10,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17,19	10			2	
VW7AMW	GlobalFiler™					
	12,15.3,[16.3]	[16],17,18,[26]	10,11,[14,15]	[15],16,17,[18]	[11],12,12	
4e	[8,10],11,12	12,13,[15]	[13],14,14	16,[17,19],22	10,11,[12]	12,12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,X,[Y]	10,12
	20,20			22.2,[27.2],28.2	6,[8],9.3	8,8,[9]
	16,17,[19]	[10]			[2]	
VYXKP6	GlobalFiler™ (STRmix 2.4)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
W2DH8R	PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12,12	
4e	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					

TABLE 2

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

Item 4e - STR Results

W9G2RG	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20			22.2,27.2,28.2	6,9.3	8
	16,17,19	10			2	
WCXG4U	GlobalFiler™					
	12,15.3	17,18	10,11,14	16,17	12	
4e	11,12	12,13,15	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20			22.2,28.2	6,9.3	8
	16,17					
WEAYJT	GlobalFiler™					
	12,15.3,[16.3],[17.3]	16,17,18,26	10,11,14,15	[15],16,17,[18]	11,12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,12	12,[13]
	[13],17,18	12,13,14	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,27.2,28.2	6,8,9.3	8,[9]
	16,17,[19]	[10]			[2]	
WG6J2D	PowerPlex® Fusion 5C, Fusion 6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
WLJ6ZC	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	15,16,17,18	12	
4e	8,10,11,12	12,13,15	13,14	16,17,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8
	16,17,19	10		18		
WMYUAW	GlobalFiler™					
	12,15.3,16.3,17.3	17,18	10,11,14,15	16,17,18	12	
4e	8,10,11,12	12,13,15	13,14	16,22	10,11,12	12,13
	17,18	12,13,14	29,30	15,16	X	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19				2	
WN432M	PowerPlex® Fusion					
	12,15.3,16.3,17.3	17,18	10,11,14	15,16,17	12,12	
4e	10,11,12	12,13,15	13,14	16,22	10,11,12	12,12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20,20	10,12,13	5,12,16		6,8,9.3	8,8
	16,17,19					

TABLE 2

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

Item 4e - STR Results

WN8PFF	PowerPlex® Fusion 5C and 6C					
	12,15.3	17,18	10,11	16,17	11,12	
4e	11,12	12,13	14	16,22	10,11	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,28.2	6,8,9.3	8
	16,17,19	10				
WQTC94	Identifiler®					
		[16],17,18,[26]		[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]			10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30		X,[Y]	10,[11],12
	20				6,[8],9.3	8,[9]
	16,17,[19]					
WRRGZJ	PowerPlex® Fusion 6C (STRmix)					
	12,15.3	17,18	10,11	16,17	12,12	
4e	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	XX	10,12
	20,20	10,13	5,16	22.2,28.2	6,9.3	8,8
	16,17					
WTZMBY	GlobalFiler™					
	12,15.3	17,18	10,11,[14]	16,17,[18]	12,12	
4e	[8],11,12	12,13	14,14	16,22	10,11	12,12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	XX	10,12
	20,20			22.2,28.2	6,9.3	8,8
	16,17	[10]				
WU3NJW	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,11,12	12,13,15	13,14	16,17,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20			22.2,28.2	6,8,9.3	8
	16,17,19	10				
WUXNLW	PowerPlex® Fusion					
	12,15.3,16.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,13	5,16		6,8,9.3	8
	16,17,19	10				
WVRZCB	GlobalFiler™					
	12,15.3,16.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17	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 4e - STR Results

WWF74F	GlobalFiler™					
	12,15.3	[16],17,18,[26]	10,11,[14],[15]	16,17	12,12	
4e	11,12	12,13,[15]	14,14	16,22	10,11,[12]	12,12
	17,18	12,13,[14]	29,30	15,16	X,X	10,[11],12
	20,20			22.2,28.2	6,[8],9.3	8,8
	16,17	[10]				
WX26PY	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
WYQXLW	GlobalFiler™ (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20,20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
WZ6XPP	PowerPlex® Fusion 6C (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
X2PMD4	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12,12	
4e	[8],[10],11,12	12,13,[15]	[13],14,14	16,[17],[19],22	10,11,[12]	12,12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,X,[Y]	10,[11],12
	20,20			22.2,[27.2],28.2	6,[8],9.3	8,8,[9]
	16,17,[19]	[10]			[2]	
X3QGB2	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12,12	
4e	[8],[10],11,12	12,13,[15]	[13],14,14	16,[17],[19],22	10,11,[12]	12,12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,X,[Y]	10,[11],12
	20,20			22.2,[27.2],28.2	6,[8],9.3	8,8
	16,17,[19]	[10]			[2]	
X4W6BY	PowerPlex® Fusion 5C					
	12,15.3,17.3	17,18,26	10,11,14	15,16,17,18	11,12	
4e	8,11,12	12,13	13,14	16,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X	10,12
	20	10,12,13	5,11,12,16		6,8,9.3	8,9
	16,17,19	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 4e - STR Results

X76CHY	PowerPlex® 21					
	12,15.3	17,18		16,17	12,12	14,18
4e	11,12	12,13		16,22	10,11	12,12
	17,18	12,13	29,30		X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
X7PR82	GlobalFiler™					
	12,15.3,[16.3]	17,18	10,11	[15],16,17,[18]	12	
4e	11,12	12,13	14	16,22	10,11,[12]	12
	17,18	12,13,[14]	29,30	15,16	X,[Y]	10,12
	20			22.2,[27.2],28.2	6,[8],9.3	8
	16,17	10			2	
X9E2EH	PowerPlex® Fusion					
	12,15.3,16.3,17.3	17,18,26	10,11,14,15	16,17,18	12	
4e	8,11,12	12,13,15	14	16,22	10,11	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,13	5,16		6,8,9.3	8
	16,17,19	10				
XCEZFE	PowerPlex® Fusion 5C					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20	10,[12],13	5,[12],16		6,[8],9.3	8
	16,17,[19]	10				
XCF69P	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	16,17,18	10,11,14,15	15,16,17,18	12	
4e	8,10,11,12	12,13	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,12,13	5,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
XDNRPV	GlobalFiler™					
	12,15.3	16,17,18,26	10,11,14,15	16,17,18	12	
4e	8,11,12	12,13,15	14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10				
XEKYL2	PowerPlex® Fusion					
	12,15.3,16.3	16,17,18,26	10,11,15	15,16,17,18	11,12	
4e	8,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,13	5,12,16		6,8,9.3	8
	16,17,19	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 4e - STR Results

XEZ2N3	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]		[2]		
XH4UNT	PowerPlex® Fusion (STRmix)					
	12,15.3,17.3	16,17,18,26	10,11,14	15,16,17	11,12	
	10,11,12	12,13,15	13,14	16,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,13	5,16		6,9.3	8
	16,17,19	10				
XHZAWJ	PowerPlex® Fusion 5					
	12,15.3,[16.3]	[16],17,18	10,11	16,17,[18]	[11],12	
	[8],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X	10,[11],12
	20	10,13	5,16		6,9.3	8,[9]
	16,17,[19]					
XLPWQD	PowerPlex® PowerPlex®21 (STRmix v2.4.06)					
	12,15.3,[16.3,17.3]	17,18		[15],16,17	[11],12	14,[15,17],18
	[10],11,12	12,13,[15]		16,[17,19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30		X,[Y]	10,[11],12
	20,20	10,13	5,16		6,[8],9.3	8,[9]
	16,17,[19]					
XMG32C	GlobalFiler™					
	12,15.3	[16],17,18	10,11	[15],16,17,[18]	[11],12,12	
	[10],11,12	12,13	14,14	16,[19],22	10,11,[12]	12,12
	[13],17,18	12,13,[14]	29,30	15,16	X,X	10,12
	20,20			22.2,[27.2],28.2	6,9.3	8,8
	16,17	-		2		
XQAUZF	PowerPlex® Fusion					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8
	16,17,19	10				
XRJWEY	GlobalFiler™					
	12,15.3	17,18	10,11	16,17	12	
	11,12	12,13,[15]	[13],14	16,22	10,11,[12]	12
	17,18	12,13	29,30	15,16	X,X	10,12
	20			22.2,28.2	6,[8],9.3	8
	16,17					

TABLE 2

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

Item 4e - STR Results

XTK44R	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	10		2		
XUX7YL	PowerPlex® Fusion					
	12,15.3,16.3,17.3	16,17,18,26	10,11	15,16,17	12	
	8,10,11,12	12,13	14	16,17,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,12,13	5,16		6,8,9.3	8
	16,17	10				
XVB7AF	GlobalFiler™					
	12,15.3	17,18,26	10,11,14	15,16,17,18	11,12	
	8,10,11,12	12,13,15	13,14	16,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,9.3	8
	16,17	10				
XVLRG	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10		2		
XYNM6K	Identifiler® Plus					
		17,18,(26)		(15),16,17,(18)	(11),12,12	
	(8),(10),11,12	12,13,(15)			10,11,(12)	12,12,(13)
	(13),17,18	12,13,(14)	29,30		X,X	10,12
	20,20				6,(8),9.3	8,8,(9)
	16,17,(19)					
XYK8F	PowerPlex® ESX 17 Fast					
	12,15.3	17,18	10,11	16,17		
		12,13	14,14	16,22		12,12
	17,18	12,13	29,30	15,16	X,X	
	20,20			22.2,28.2	6,9.3	
	16,17					
XZGHUD	GlobalFiler™					
	12,15.3	17,18	10,11,[14,15]	[15],16,17	[11],12,12	
	[10],11,12	12,13	[13],14,14	16,22	10,11,[12]	12,12
	[13],17,18	12,13,[14]	29,30	15,16	X,X	10,[11],12
	20,20			22.2,[27.2],28.2	6,[8],9.3	8,8
	16,17,[19]	[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 4e - STR Results

XZKVLG	PowerPlex® Fusion					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10				
XZZ9UL	Identifiler®, PowerPlex® Fusion 5C					
	12,15.3,[17.3]	[16],17,18,[26]	10,11	[15],16,17	[11],12	
4e	11,12	12,13,[15]	[13],14	16,[19],22	10,11,[12]	12,[13]
	17,18	12,13,[14]	29,30	15,16	X	10,[11],12
	20	10,13	5,16		6,9.3	8
	16,17,[19]	10				
Y728HF	GlobalFiler™ (TrueAllele)					
	12,15.3,[16.3],[17.3]	[16],17,18,[25],[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]			[2]	
Y8UCEE	GlobalFiler™					
	12,15.3,[16.3],[17.3]	16,17,18,26	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	[10*],12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]			[2]	
Y97N4Q	PowerPlex® Fusion (STRmix on epithelial (e) fraction)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14	15,16,17,18	12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,12,13	5,16		6,8,9.3	8
	16,17,19					
Y9XTZT	GlobalFiler™					
	12,15.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	10,11,12	12,13,15	14	16,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17	10			2	
YCRBY	GlobalFiler™ (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17	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 4e - STR Results

YD69G4	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
YFANJM	PowerPlex® Fusion 5C					
	12,15.3,17.3	17,18	10,11	16,17	12	
4e	11,12	12,13,15	14	16,22	10,11,12	12,13
	17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,13	5,16		6,8,9.3	8
	16,17					
YFPA7N	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]			[2]	
YGYT6E	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
YJCUA8	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,[26]	10,11,14,[15]	15,16,17,[18]	11,12	
4e	[8],10,11,12	12,13,[15]	13,14	16,[17],19,22	10,11,12	12,[13]
	[13],17,18	12,13,14	29,30	14,15,16	X,Y	10,[11],12
	20			22.2,27.2,28.2	6,8,9.3	8,[9]
	16,17,[19]	10			2	
YLBQJT	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
YLXF3U	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	16,17,18	12	
4e	8,10,11,12	12,13,15	14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17	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 4e - STR Results

YN3QYC	GlobalFiler™					
	12,15.3,17.3	16,17,18,26	10,11,14,15	15,16,17	11,12	
4e	8,10,11,12	12,13,15	13,14	16,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
YTDZNZ	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,[15]	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,[8],9.3	8,9
	16,17,19	10			2	
YUDB74	PowerPlex® Fusion 6C (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17	10	NR	18		
YXUA7X	GlobalFiler™					
	12,15.3,[16.3,17.3]	[16],17,18,[26]	10,11,[14,15]	[15],16,17,[18]	[11],12,12	
4e	[8,10],11,12	12,13,[15]	[13],14,14	16,[17,19],22	10,11,[12]	12,12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,X,[Y]	10,[11],12
	20,20			22.2,[27.2],28.2	6,[8],9.3	8,8,[9]
	16,17,[19]	[10]			[2]	
YZATZZ	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,[9]
	16,17,19	10			2	
Z3ELRE	PowerPlex® Fusion, 21, Verifiler					
	12,15.3	17,18	10,11	16,17	12,12	14,18
4e	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17					
Z6LEMJ	GlobalFiler™					
	12,15.3,16.3	17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,22	10,11,12	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	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 4e - STR Results

Z6YJVB	GlobalFiler™ Amplification Kit					
	12,15.3,17.3	17,18	10,11,14	15,16,17,18	11,12	
4e	10,11,12	12,13	13,14	16,17,22	10,11,12	12
	17,18	12,13	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17	10			2	
Z7HZC4	GlobalFiler™					
	12,15.3,[16.3],[17.3]	16,17,18	10,11,[14],[15]	15,16,17,[18]	11,12	
4e	[8],10,11,12	12,13	13,14	16,[17],[19],22	10,11,12	12,[13]
	[13],17,18	12,13,14	29,30	15,16	X,Y	10,12
	20			22.2,27.2,28.2	6,[8],9.3	8
	16,17,[19]	10			2	
Z8CPGW	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
Z9RC88	PowerPlex® Fusion					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,11,12	12,13,15	14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10				
ZCJXHG	Identifiler®, PowerPlex® Fusion					
	12,15.3	17,18	10,11	16,17	12,12	
4e	11,12	12,13	14,14	16,22	10,11	12,12
	17,18	12,13	29,30	15,16	X,X	10,12
	20,20	10,13	5,16		6,9.3	8,8
	16,17	NR				
ZDF9HP	GlobalFiler™					
	12,15.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,11,12	12,13,15	14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17,19				2	
ZFP3QW	PowerPlex® Fusion 6C					
	12,15.3,(16.3)	(16),17,18,(26)	10,11,(14,15)	(15),16,17,(18)	12	
4e	(8,10),11,12	12,13	14	16,(17,19),22	10,11,(12)	12,(13)
	(13),17,18	12,13,(14)	29,30	15,16	X,(Y)	10,(11),12
	20	10,(11,12),13	5,(12),16	22.2,(27.2),28.2	6,(8),9.3	8
	16,17,(19)	(10)	(17)	(18)		

TABLE 2

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

Item 4e - STR Results

ZH8KBZ	PowerPlex® Fusion 6C (STRmix)					
	12,15.3,16.3,17.3	17,18	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
ZHGZ6U	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
ZJ3X3Z	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
ZJ8UQH	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	[13],17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	10			2	
ZKFQW2	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
ZLCUW4	PowerPlex® Fusion (STRmix)					
	12,15.3,16.3	16,17,18,26	10,11	15,16,17,18	11,12	
4e	11,12	12,13,15	14	16,22	10,11	12,13
	17,18	12,13	29,30	15,16	X,Y	10,11,12
	20	10,13	5,16		6,8,9.3	8
	16,17,19					
ZLPQYN	PowerPlex® Fusion					
	12,15.3,17.3	17,18,26	10,11,14,15	16,17,18	11,12	
4e	8,11,12	12,13,14,15	14	16,17,18,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	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 4e - STR Results

ZLUDU2	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,[12]	12,[13]
	17,18	12,13,[14]	29,30	[14],15,16	X,[Y]	10,12
	20			22.2,[27.2],28.2	6,9.3	8
	16,17,[19]	-			2	
ZLZHDK	Identifiler®, MiniFiler, Identifiler Plus					
		16,17,18,26		15,16,17,18	11,12	
4e	8,10,11,12	12,13,15			10,11,12	12,13
	13,17,18	12,13,14	29,30		X,Y	10,11,12
	20,20				6,8,9.3	8,9
	16,17,19					
ZPCA37	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,11,12	12,13,15	14	16,17,19,22	10,11,12	12
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8
	16,17,19	10			2	
ZQZNP	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
ZUHVZC	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20,20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
ZWWPA4	PowerPlex® Fusion 6C					
	12,15.3	16,17,18	10,11	15,16,17	11,12	
4e	11,12	12,13	13,14	16,22	10,11,12	12
	17,18	12,13	29,30	15,16	X	10,12
	20	10,13	5,16	22.2,27.2,28.2	6,9.3	8
	16,17	NR	NR	NR		
ZX3QVG	PowerPlex® Fusion (STRmix)					
	12,15.3,16.3	16,17,18	10,11	16,17,18	11,12	
4e	8,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X	10,11,12
	20	10,13	5,16		6,9.3	8,9
	16,17,19					

TABLE 2

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

Item 4e - STR Results

ZXT2RP	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,14,15	[15],16,17,[18]	11,12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,12	12,[13]
	[13],17,18	12,13,14	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,27.2,28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]			[2]	
ZY388Y	GlobalFiler™ (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10			2	
ZZVN4N	GlobalFiler™					
	12,15.3,[16.3],[17.3]	[16],17,18,[26]	10,11,[14],[15]	[15],16,17,[18]	[11],12	
4e	[8],[10],11,12	12,13,[15]	[13],14	16,[17],[19],22	10,11,12	12,[13]
	[13],17,18	12,13,14	29,30	[14],15,16	X,[Y]	10,[11],12
	20			22.2,[27.2],28.2	6,[8],9.3	8,[9]
	16,17,[19]	[10]			[2]	
ZZWCRT	PowerPlex® Fusion (STRmix)					
	12,15.3,17.3	17,18,26	10,11,14,15	16,17,18	11,12	
4e	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	15,16	X,Y	10,11,12
	20	10,13	5,12,16		6,9.3	8
	16,17,19	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 4sp - STR Results

22LLAE	Identifiler® Plus					
		16,26		15,18	11	
4sp	8,10	13,15			12	12,13
	13,17	14	29,30		X,Y	10,11
	20				6,8	8,9
	16,19					
23YACQ	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
26KFVG	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2,28.2	6,8	8,9
	16,19	10			2	
27X8NY	PowerPlex® Fusion (STRmix)					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
28PPWR	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
2F67VT	GlobalFiler™ (STRmix)					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
2FJKBP	Investigator® 24plex QS (STRmix)					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	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 4sp - STR Results

2JMFWD	GlobalFiler™					
	16.3,17.3	16,25,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
2KXFE	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
2MMQQT	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
2NDP7C	GlobalFiler™					
	[12],16.3,17.3	16,[17],[18],26	[11],14,15	15,[16],18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,[17],19	10			2	
2PQZMB	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
2TTDNN	Identifiler® Plus					
		16,26		15,18	11	
4sp	8,10	13,15			12	12,13
	13,17	14	29,30		X,Y	10,11
	20				6,8	8,9
	16,19					
2XZH69	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	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 4sp - STR Results

2YAGAQ	PowerPlex® Fusion 5C					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	INC				
32GXGL	PowerPlex® Fusion 6C					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
32WWGH	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
344VDQ	PowerPlex® Fusion (TrueAllele)					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
34FEC3	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11,11	-
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	-	-	27.2,27.2	6,8	8,9
	16,19	10	-	-	2	
37V2H3	PowerPlex® Fusion 6C					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	11,12	12,16	27.2,27.2	6,8	8,9
	16,19	10	17	18		
3CUJ6M	GlobalFiler™					
	[12],[15.3],16.3,17.3	16,[17],[18],26	[10],[11],14,15	15,[16],[17],18	11,[12]	
4sp	8,10,[11],[12]	[12],13,15	13,[14]	16,17,19,22	[10],[11],12	12,13
	13,17,[18]	[12],[13],14	29,30	14,15,[16]	X,Y	10,11,[12]
	20			[22.2],27.2,[28.2]	6,8,[9.3]	8,9
	16,[17],19	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 4sp - STR Results

3CWYNF	Identifiler® Plus					
		16,26		15,18	11,11	
4sp	8,10	13,15			12,12	12,13
	13,17	14,14	29,30		X,Y	10,11
	20,20				6,8	8,9
	16,19					
3EDFN8	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11,11	Not Tested
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	Not Tested	Not Tested	27.2,27.2	6,8	8,9
	16,19	10	Not Tested	Not Tested	2	
3FTUX3	Identifiler®, Investigator® 24plex QS					
	[12],16.3,17.3	16,26	14,15	15,[16],[17],18	11,[12]	N/A
4sp	8,10,[11]	[12],13,15	13,[14]	17,19,[22]	[11],12	12,13
	13,17	14	29,30	14,15,[16]	X,Y	10,11,[12]
	20	N/A	N/A	27.2,[28.2]	6,8	8,9
	16,19	10	N/A	N/A	N/A	
3GCM9C	PowerPlex® Fusion					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
3JXUMK	PowerPlex® Fusion 6C (STRMIX)					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	9,10	16,17	17,18,19		
3JZY8H	PowerPlex® Fusion 5C					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
3L9J7W	GlobalFiler™					
	[12],16.3,17.3	16,[17],26	[10],[11],14,15	15,[16],17,18	11,[12]	
4sp	8,10,[12]	13,15	13,[14]	17,19	[10],12	12,13
	13,17	[12],14	29,30	14,15	X,Y	10,11
	20			[22.2],27.2,[28.2]	6,8	8,9
	16,[17],19	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 4sp - STR Results

3P26U8	GlobalFiler™, Investigator® 24plex					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
3PMCIB	GlobalFiler™ (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	14,15	15,17,18	11	
4sp	8,10,12	13,15	13,14	17,19	11,12	12,13
	13,17,18	14	29,30	14,15	X,Y	10,11,12
	20			27.2,28.2	6,8,9.3	8,9
	16,19	10			2	
3QEX8M	PowerPlex® Fusion					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
3RFZLC	PowerPlex® 21 (STRmix)					
	16.3,17.3	16,26		15,18	11,11	15,17
4sp	8,10	13,15		17,19	12,12	12,13
	13,17	14,14	29,30		X,Y	10,11
	20,20	11,12	12,16		6,8	8,9
	16,19					
3RRZGL	PowerPlex® F6C (STRmix)					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	9,10	16,17	17,18		
3T4L7M	Investigator® 24plex QS (STRmix)					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10				
3Z4FAA	PowerPlex® Fusion					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4sp	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	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 4sp - STR Results

43MC86	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
43RRJK	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
44JQY4	Investigator® 24plex					
	16,3,17.3	16,[25],26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10				
46AQJF	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
46DEDT	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
472NQM	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
47BE7L	PowerPlex® F6C					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		

TABLE 2

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

Item 4sp - STR Results

4B6LW2	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
4D4J6N	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
4EHJ8V	Investigator® 24plex QS					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10				
4LMTNJ	PowerPlex® Fusion 6C					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
4N9N4W	GlobalFiler™, MiniFiler					
	16,3,17.3	16,[18],26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
4RAF32	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
4V4AZ3	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	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 4sp - STR Results

4XGADK	PowerPlex® Fusion 6C					
	16,3,17.3	16,26	14,15	15,16,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
63BEPF	PowerPlex® Fusion 6C (STRmix)					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
64B2G7	GlobalFiler™ PCR Amplification Kit					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
64CP4B	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
64H9EE	Identifiler® Plus (STRmix)					
		16,26		15,18	11,11	
4sp	8,10	13,15			12,12	12,13
	13,17	14,14	29,30		X,Y	10,11
	20,20				6,8	8,9
	16,19					
66B7MK	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10,[11]	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11,[12]
	20			27.2	6,8,[9.3]	8,9
	16,19	10			2	
678GLU	GlobalFiler™					
	[12,15.3],16,3,17.3	16,[17,18],26	[10,11],14,15	15,[16,17],18	11,[12]	
4sp	8,10,[11,12]	[12],13,15	13,[14]	17,19,[22,-]	[10,-],12	12,13
	13,17,[18]	[12,13],14	29,30	14,15,[-]	X,Y	10,11,[12]
	20			[22.2],27.2,[28.2]	6,8,[9.3]	8,9
	16,[17],19	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 4sp - STR Results

6AEXB4	PowerPlex® 5C,6C					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
6BRCWR	Identifiler® Plus					
		16,26		15,18	11	
4sp	8,10	13,15			12	12,13
	13,17	14	29,30		X,Y	10,11
	20				6,8	8,9
	16,19					
6D2TBW	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
6EHYX2	PowerPlex® 21					
	16.3,17.3	16,26		15,18	11,11	15,17
4sp	8,10	13,15		17,19	12,12	12,13
	13,17	14,14	29,30		X,Y	10,11
	20,20	11,12	12,16		6,8	8,9
	16,19					
6FBW78	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
6FM434	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
6K8T4U	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	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 4sp - STR Results

6LF6LV	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2,[28.2]	6,8	8,9
	16,19	10			2		
6N6J4D	GlobalFiler™ (STRmix)						
		16,3,17.3	16,26	14,15	15,17,18	11,11	
	4sp	8,10	13,15	13,14	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
6NLQCG	PowerPlex® F6C						
		12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
	4sp	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
		13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
		20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18			
6PWGCK	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
6PY6YQ	PowerPlex® Fusion (STRmix)						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,19	10					
6QNPBN	Identifiler® Plus (DNAVIEW)						
		-	16,26	-	15,18	11	-
	4sp	8,10	13,15	-	-	12	12,13
		13,17	14	29,30	-	X,Y	10,11
		20	-	-	-	6,8	8,9
	16,19	-	-	-	-		
6RYMMJ	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	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 4sp - STR Results

6U7VZB	PowerPlex® Fusion 6C						
		16.3,17.3	16,26	14,15	15,17,18	11,12	
	4sp	8,10	13,15	13,14	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	10,11,12,13	12,16	27.2	6,8,9.3	8,9
	16,17,19	10	17	18			
6UABDB	PowerPlex® Fusion						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,19	10					
6UK7Q3	Identifiler®, Investigator® 24plex QS						
		16.3,17.3	16,[17],26	14,15	15,[17],18	11,[12]	N/A
	4sp	8,10	13,15	13	17,19,[22]	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	N/A	N/A	27.2	6,8	8,9
	16,[17],19	10	N/A	N/A	N/A		
6ZBPL7	GlobalFiler™ PCR Amplification kit						
		16.3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,14	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
6ZDD9B	PowerPlex® Fusion						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,[19]	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,19	10					
76NPYB	PowerPlex® F6C (STRmix)						
		16.3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20	11,12	12,16	27.2,27.2	6,8	8,9
	16,19	10	17	18			
77BK6P	PowerPlex® Fusion						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,[9]
	16,19	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 4sp - STR Results

789LFN	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
793CJG	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
79JN2M	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
7AJ839	Identifiler® Plus					
		16,26		15,18	11	
4sp	8,10	13,15			12	12,13
	13,17	14	29,30		X,Y	10,11
	20				6,8	8,9
	16,19					
7AW8ZX	PowerPlex® Fusion 5C, Fusion 6C					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
7B4JGZ	NGM SElect					
	16,3,17.3	16,26	14,15	15,18		
4sp		13,15	13,13	17,19		12,13
	13,17	14,14	29,30	14,15	X,Y	
	20,20			27.2,27.2	6,8	
	16,19					
7BCA3Q	PowerPlex® Fusion 6C					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		

TABLE 2

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

Item 4sp - STR Results

7CQ968	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
7KNRRW	PowerPlex® Fusion 6C					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,17	10	17	18		
7KWT9H	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
7KXFVN	PowerPlex® Fusion					
	12,16,3,17,3	16,17,26	14,15	15,16,18	11,12	
4sp	8,10,11,12	13,15	13,14	17,19,22	12	12,13
	13,17,18	12,14	29,30	14,15	X,Y	10,11
	20	11,12,13	12,16		6,8	8,9
	16,17,19,20	10				
7LTPUC	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
7NJNBV	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
7NKZWL	PowerPlex® Fusion					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	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 4sp - STR Results

7NLDGE	Identifiler®					
		16,26		15,18	11,11	
4sp	8,10	13,15			12,12	12,13
	13,17	14,14	29,30		X,Y	10,11
	20,20				6,8	8,9
	16,19					
7PF9XV	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
7UL2P6	GlobalFiler™					
	15.3,16.3,17.3	16,[25**],26	10,14,15	15,[16],[17**],18	11	
4sp	8,10,12	13,15	13,[14**]	16,17,19	[10],[11**],12	12,13
	[13],17	14	29,30	14,15,[16**]	X,Y	10,11
	20			[22.2],27.2	6,8	8,9
	16,19	10			2	
7X3UUZ	PowerPlex® Fusion					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
82GTMK	PowerPlex® Fusion (STRmix)					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
83Y4XR	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
84R4NB	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	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 4sp - STR Results

87CH8Y	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,[17],19	10			2	
89763B	PowerPlex® Fusion 6C (STRMix)					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	11,12	12,16	27.2,27.2	6,8	8,9
	16,19	10	17	18		
89PGYF	Identifiler® Plus, PowerPlex® Fusion6C					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
89ZMPP	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
8ATY9Q	PowerPlex® Fusion (TrueAllele)					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
8C3XUK	PowerPlex® Fusion (STRmix)					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
8DBZUX	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	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 4sp - STR Results

8DC6WD	PowerPlex® Fusion					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
8FJ6ED	GlobalFiler™ (STRmix)					
	12,16,3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4sp	8,10,11,12	12,13,15	13,14	17,19,22	10,11,12	12,13
	13,17,18	12,14	29,30	14,15,16	X,Y	10,11,12
	20			22,2,27,2,28,2	6,8,9,3	8,9
	16,17,19	10			2	
8H3D97	GlobalFiler™ PCR Amplification kit					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20			27,2,27,2	6,8	8,9
	16,19	10			2	
8H42UQ	PowerPlex® Fusion (TrueAllele)					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
8HM3HE	Investigator® 24plex					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27,2	6,8	8,9
	16,19	10				
8HQ7AP	GlobalFiler™					
	16,3,17,3,[-]	16,[17],26,[-]	14,15,[-]	15,[17],18,[-]	11,[12]	
4sp	8,10,[-]	13,15,[-]	13,[14]	17,19,[-]	12,[-]	12,13
	13,17,[-]	14,[-]	29,30	14,15,[-]	X,Y	10,11,[-]
	20			27,2,[28,2],[-]	6,8,[-]	8,9
	16,19,[-]	10			2	
8HT6JK	PowerPlex® Fusion 6C					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27,2	6,8	8,9
	16,19	10	17	18		

TABLE 2

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

Item 4sp - STR Results

8JL4QR	PowerPlex® Fusion					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
8KCCQU	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
8NCMLU	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	10,12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
8NYC6V	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
8REYN8	PowerPlex® 21 (strmix)					
	16,3,17,3	16,26		15,18	11,11	15,17
4sp	8,10	13,15		17,19	12,12	12,13
	13,17	14,14	29,30		X,Y	10,11
	20,20	11,12	12,16		6,8	8,9
	16,19					
8RXAEH	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
8VR9P7	GlobalFiler™, Investigator® 24plex					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	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 4sp - STR Results

8WDKMK	GlobalFiler™					
	[12,15.3],16.3,17.3	16,[17,18],26	[10,11],14,15	15,[16,17],18	11,[12]	
4sp	8,10,[11,12]	[12],13,15	13,[14]	[16],17,19,[22]	[10,11],12	12,[13]
	13,17,[18]	[12,13],14	29,30	14,15,[16]	X,Y	10,11,[12]
	20			[22.2],27.2,[28.2]	6,8,[9.3]	8,9
	16,[17],19	10			2	
8X3QMM	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
8YZT2R	GlobalFiler™ (STRmix)					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
92R7D2	PowerPlex® Fusion 5C & 6C					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
97EZUG	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
9BNTX8	PowerPlex® Fusion					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
9ELG73	PowerPlex® Fusion					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4sp	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	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 4sp - STR Results

9EQCVK	GlobalFiler™ (STRMIX)					
	16,3,17,3	16,25,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27,2,28,2	6,8	8,9
	16,19	10			2	
9GBFTD	PowerPlex® Fusion					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
9L4C3G	Investigator® 24plex QS (STRmix (4e only))					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27,2	6,8	8,9
	16,19	10				
9MX2KC	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27,2	6,8	8,9
	16,19	10			2	
9RC9VC	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27,2,27,2	6,8	8,9
	16,19	10			2	
9T474J	Identifiler® Plus					
		16,(25),26		15,(17),18	11,11	
4sp	8,10	13,15			(10),12,12	12,13
	13,17	14,14	29,30		X,Y	10,11
	20,20				6,8	8,9
	16,19					
9T6WHE	PowerPlex® Fusion (STRmix)					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	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 4sp - STR Results

9UXHVH	Investigator® 24plex QS (STRmix)					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10				
9X47TF	PowerPlex® Fusion6C					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
A2QJPV	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
A2T76N	PowerPlex® Fusion 5C					
	16,3,17.3	16,26	14,15	15,16,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	11,12	12,16		6,8	8,9
	16,19	10				
A2V2LY	PowerPlex® Fusion 6C					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
A3T3UC	PowerPlex® F6C					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
A4W2NR	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	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 4sp - STR Results

A69PEJ	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
A8HMXR	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
A8XXLY	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
ACCL9G	PowerPlex® Fusion 5C					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
ACTBGF	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
ACYDGM	PowerPlex® Fusion 6C					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	11,12	12,16	27.2,27.2	6,8	8,9
	16,19	10	17	18		
AD8ZYF	PowerPlex® F6C (STRMix)					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	11,12	12,16	27.2,27.2	6,8	8,9
	16,19	10	17	18		

TABLE 2

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

Item 4sp - STR Results

AE3HJ9	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
AEMWA8	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
AKP27X	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
AKUFGD	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
ALKLTW	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
ANMLTU	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
AQEDRZ	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	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 4sp - STR Results

ATK2MB	Identifiler®, MiniFiler					
		16,26		15,18	11,11	
4sp	8,10	13,15			12,12	12,13
	13,17	14,14	29,30		X,Y	10,11
	20,20				6,8	8,9
	16,19					
AUE9PH	Identifiler® Plus					
		16,26		15,18	11,11	
4sp	8,10	13,15			12,12	12,13
	13,17	14,14	29,30		X,Y	10,11
	20,20				6,8	8,9
	16,19					
AV7KA9	PowerPlex® Fusion					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
AVABUQ	PowerPlex® Fusion 6C					
	12,16.3,17.3	16,26	11,14,15	15,18	11	
4sp	8,10,11	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
AVLNX9	Identifiler®					
		16,26		15,18	11,11	
4sp	8,10	13,15			12,12	12,13
	13,17	14,14	29,30		X,Y	10,11
	20,20				6,8	8,9
	16,19					
AWGARZ	PowerPlex® Fusion					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4sp	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10				
AXBW7P	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	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 4sp - STR Results

AXT7W6	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
B24P9H	Identifiler® Plus						
			16,26		15,18	11	
	4sp	8,10	13,15			12	12,13
		13,17	14	29,30		X,Y	10,11
		20				6,8	8,9
	16,19						
B3XB4U	GlobalFiler™						
		16,3,17.3	16,[17],26	14,15	15,18	11,[12]	
	4sp	8,10,[11]	13,15	13	17,19	[10],12	12,13
		13,17	14	29,30	14,15	X,Y	10,11,[12]
		20			[22.2],27.2,[28.2]	6,8	8,9
	16,19	10			2		
B6UQM8	PowerPlex® Fusion 6C						
		16,3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20	11,12	12,16	27.2,27.2	6,8	8,9
	16,19	10	17	18			
B8FL3K	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
B96WVX	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
BA994N	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	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 4sp - STR Results

BAJ8YX	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
BBDTUA	PowerPlex® Fusion 6C (STRmix)					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	11,12	12,16	27.2,27.2	6,8	8,9
	16,19	10	17	18		
BGHNLW	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
BJEFXN	PowerPlex® Fusion 6C					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
BKJPNE	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
BN3MC6	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,17,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
BQNKF2	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	[10],12	12,13
	13,17,[18]	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	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 4sp - STR Results

BTFKNX	PowerPlex® Fusion					
	16.3,17.3	16,26	[11],14,15	15,[17],18	11	
4sp	8,10	13,15	13	17,19	[11],12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
BTHVG2	PowerPlex® Fusion 5C					
	16.3,17.3	16,26	(10),14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
BURVJM	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,17,18	11,12	
4sp	8,10	13,15	13,14	17,19,22	12	12,13
	13,17	13,14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
BV66WU	PowerPlex® Fusion 6C					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	11,12	12,16	27.2,27.2	6,8	8,9
	16,19	10	17	18		
BWY6ND	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
BWZTBH	GlobalFiler™					
	[12],16.3,17.3	16,[17],[18],26	14,15	15,18	11	
4sp	8,10,[11],[12]	13,15	13,[14]	17,19,[22]	[10],12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
BXQA7C	Identifiler® Plus, PowerPlex® Fusion 6C (STRMIX)					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		

TABLE 2

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

Item 4sp - STR Results

BZCFNG	GlobalFiler™ (STRmix 2.4)					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
C2LQW7	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
C2MJVE	Identifiler® Plus					
		16,26		15,18	11,11	
4sp	8,10	13,15			12,12	12,13
	13,17	14,14	29,30		X,Y	10,11
	20,20				6,8	8,9
	16,19					
C3HQBP	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
C4VDT4	Identifiler® Plus					
		16,26		15,18	11	
4sp	8,10	13,15			12	12,13
	13,17	14	29,30		X,Y	10,11
	20				6,8	8,9
	16,19					
C7KLZK	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
CAJXVK	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	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 4sp - STR Results

CFL4BM	PowerPlex® Fusion 6C					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
CHPBN3	GlobalFiler™ PCR Amplification Kit					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
CHUP24	PowerPlex® Fusion (STRmix (4e))					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
CHW4D9	PowerPlex® Fusion 6C (STRMIX)					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
CJ96GP	GlobalFiler™, MiniFiler (STRmix v2.4)					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
CLDNNX	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
CMA297	PowerPlex® Fusion					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	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 4sp - STR Results

CPBADF	PowerPlex® Fusion (STRmix)					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
CRHM29	PowerPlex® Fusion6C					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
CVJ74N	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
CVLVB7	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
CWAWZA	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
CWECFV	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
CX9XB8	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	11,12	12,16	27.2,27.2	6,8	8,9
	16,19	10	17	18		

TABLE 2

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

Item 4sp - STR Results

CYUV9C	GlobalFiler™					
		16,3,17.3	16,26	11,14,15	15,18	11
	4sp	8,10	13,15	13	17,19	12
		13,17	14	29,30	14,15	X,Y
		20			27.2	6,8
	16,19	10			2	
D2HLXN	GlobalFiler™ 1808086					
		16,3,17.3	16,26	14,15	15,18	11
	4sp	8,10	13,15	13	17,19	12
		13,17	14	29,30	14,15	X,Y
		20			27.2	6,8
	16,19	10			2	
D6J7ZT	GlobalFiler™					
		16,3,17.3	16,26	14,15	15,18	11
	4sp	8,10	13,15	13	17,19	12
		13,17	14	29,30	14,15	X,Y
		20			27.2	6,8
	16,19	10			2	
D6X8GU	GlobalFiler™					
		16,3,17.3	16,26	14,15	15,18	11,11
	4sp	8,10	13,15	13,13	17,19	12,12
		13,17	14,14	29,30	14,15	X,Y
		20,20			27.2,27.2	6,8
	16,19	10			2	
DDH6MV	Investigator® 24plex (STRmix)					
		16,3,17.3	16,26	14,15	15,18	11,11
	4sp	8,10	13,15	13,13	17,19	12,12
		13,17	14,14	29,30	14,15	X,Y
		20,20			27.2,27.2	6,8
	16,19	10				
DE8GDN	GlobalFiler™, MiniFiler					
		16,3,17.3	16,26	14,15	15,18	11,11
	4sp	8,10	13,15	13,13	17,19	12,12
		13,17	14,14	29,30	14,15	X,Y
		20,20			27.2,27.2	6,8
	16,19	10			2	
DFY3Y6	Investigator® 24plex QS					
		16,3,17.3	16,26	14,15	15,18	11
	4sp	8,10	13,15	13	17,19	12
		13,17	14	29,30	14,15	X,Y
		20			27.2	6,8
	16,19	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 4sp - STR Results

DGRFKQ	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
DNRWZ3	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10,[11]	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
DNYW7X	PowerPlex® Fusion 6C					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
DTM6HW	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	[17],19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	[8],9
	16,19	10			2	
DUQK3A	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
DVY8L4	PowerPlex® F6C (STRmix)					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	11,12	12,16	27.2,27.2	6,8	8,9
	16,19	10	17	18		
DYAB36	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	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 4sp - STR Results

DYTCP8	PowerPlex® Fusion 5C					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	11,12	12,16		6,8	8,9
	16,19	10				
DZNXHY	PowerPlex® Fusion					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4sp	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10				
DZQ62Y	PowerPlex® 21 (STRmix v2.4.06)					
	16.3,17.3	16,26		15,18	11,11	15,17
4sp	8,10	13,15		17,19	12,12	12,13
	13,17	14,14	29,30		X,Y	10,11
	20,20	11,12	12,16		6,8	8,9
	16,19					
E2HFDD	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
E3TNJM	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10,[11]	13,15	13	17,19	12	12,13
	13,17	[12],14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
E42Z2N	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
E4KX4M	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	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 4sp - STR Results

E4ZCDH	Identifiler®, MiniFiler					
		16,26		15,18	11	
4sp	8,10	13,15			12	12,13
	13,17	14	29,30		X,Y	10,11
	20				6,8	8,9
	16,19					
E6ZMTZ	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
E8MPK2	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	10,12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
E9J7PB	PowerPlex® Fusion 6C					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
E9XURX	PowerPlex® Fusion 5C, Fusion 6C					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
EA74MF	PowerPlex® Fusion (TrueAllele)					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
ECW33Y	Identifiler® Plus					
	-	16,26	-	15,18	11	-
4sp	8,10	13,15	-	-	12	12,13
	13,17	14	29,30	-	X,Y	10,11
	20	-	-	-	6,8	8,9
	16,19	-	-	-	-	

TABLE 2

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

Item 4sp - STR Results

ECW6R4	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8,[9,3]	8,9
	16,19	10			2	
ECYTAH	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
EDN2GX	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
EFWEYY	Identifiler® Plus					
	-	16,26	-	15,18	11	-
4sp	8,10	13,15	-	-	12	12,13
	13,17	14	29,30	-	X,Y	10,11
	20	-	-	-	6,8	8,9
	16,19	-	-	-	-	
EFYUJD	PowerPlex® Fusion (STRmix)					
	16,3,17,3	16,26	14,15	15,18	11,12	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11,12
	20	11,12	12,16		6,8	8,9
	16,19	10				
EGFG8E	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
EJLWLX	Identifiler®, MiniFiler					
		16,26		15,18	11,11	
4sp	8,10	13,15			12,12	12,13
	13,17	14,14	29,30		X,Y	10,11
	20,20				6,8	8,9
	16,19					

TABLE 2

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

Item 4sp - STR Results

EKU327	GlobalFiler™ (STRmix)						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
EMH3ZW	PowerPlex® Fusion						
		12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
	4sp	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
		13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
		20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10					
ENEYLQ	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
EP4XFA	PowerPlex® Fusion (STRmix)						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,19	10					
EPHH4D	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
EQRCXT	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
ERAAH6	PowerPlex® Fusion 5C						
		16.3,17.3	16,26	11,14,15	15,18	11,12	
	4sp	8,10	13,15	13,13	17,19,22	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20	11,12	12,16		6,8	8,9
	16,19	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 4sp - STR Results

ERAU36	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
EUK6BN	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
EVQU6K	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
EVTGQ6	PowerPlex® Fusion						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,19	10					
EVV8WM	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
F2BRA6	PowerPlex® Fusion 6C (STRmix)						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16	27.2	6,8	8,9
	16,19	9,10	16,17	17,18			
F3TZNU	PowerPlex® Fusion 6C						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18			

TABLE 2

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

Item 4sp - STR Results

F4EYP6	Investigator® 24plex QS					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19,22	12	12,13
	13,17,18	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10				
F9YF6A	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
FC94H7	PowerPlex® Fusion 5C					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	11,12	12,16		6,8	8,9
	16,19	10				
FD6FHF	PowerPlex® Fusion (TrueAllele)					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
FE3G9B	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
FEHRWH	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
FEXGAP	PowerPlex® Fusion					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,[18],19	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 4sp - STR Results

FGMPG6	GlobalFiler™ (STRmix)						
		12,16.3,17.3	16,17,18,26	10,14,15	15,18	11	
	4sp	8,10	13,15	13	17,19,22	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2,28.2	6,8	8,9
	16,19	10			2		
FHFNPC	Identifiler® Plus						
			16,26		15,18	11,11	
	4sp	8,10	13,15			12,12	12,13
		13,17	14,14	29,30		X,Y	10,11
		20,20				6,8	8,9
	16,19						
FJFE48	PowerPlex® Fusion (STRmix)						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,19	10					
FKMLX6	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
FLNPZB	NGM SSelect						
		16.3,17.3	16,26	14,15	15,18		
	4sp		13,15	13,13	17,19		12,13
		13,17	14,14	29,30	14,15	X,Y	
		20,20			27.2,27.2	6,8	
	16,19						
FLZL4U	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
FM78KF	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	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 4sp - STR Results

FMCXQJ	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
FMDKDN	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
FMGM9H	PowerPlex® Fusion (STRmix)						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,[18],19	10					
FPF8M2	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
FV4W46	Investigator® 24plex QS						
		16.3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10					
FWFH37	PowerPlex® Fusion (STRmix)						
		16.3,17.3	16,25,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	7,12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,17,18,19	10					
FY2BVZ	GlobalFiler™						
		16.3,17.3	16,26	[10],14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	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 4sp - STR Results

G24KCW	GlobalFiler™ (STRmix v. 2.4)					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
G269Y2	PowerPlex® Fusion 6C, GlobalFiler™					
	16,3,17.3	16,26	11,14,15	15,16,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	5,12,16	27.2	6,8	8,9
	16,19	10	17	18	2	
G32RV2	PowerPlex® Fusion					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
G34H3J	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
G4HEH3	GlobalFiler™					
	16,3,17.3	16,[25],26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	[12],14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
G4J6R7	PowerPlex® Fusion 6C (STRmix)					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	9,10	16,17	17,18		
G68QBG	GlobalFiler™					
	16,3,17.3	16,(26)	(10),(11),(14),15	(15),18	11	
4sp	8,10,(11)	13,15	13	17,19	(11),12	12,13
	13,17	14	29,30	14,15	X,(Y)	10,11
	20			27.2	6,8	8,9
	16,19	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 4sp - STR Results

G6QMP3	Identifiler® Plus					
		16,26		15,18	11,11	
4sp	8,10	13,15			12,12	12,13
	13,17	14,14	29,30		X,Y	10,11
	20,20				6,8	8,9
	16,19					
G9AJDR	GlobalFiler™ (STRmix)					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
GA2YPH	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
GAZB2D	Identifiler® Plus					
		16,26		15,18	11	
4sp	8,10	13,15			12	12,13
	13,17	14	29,30		X,Y	10,11
	20				6,8	8,9
	16,19					
GDK8NH	PowerPlex® Fusion 5C					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	11,12	12,16		6,8	8,9
	16,19	10				
GDKRJ4	Identifiler® Plus (STRmix)					
		16,26		15,18	11,11	
4sp	8,10	13,15			12,12	12,13
	13,17	14,14	29,30		X,Y	10,11
	20,20				6,8	8,9
	16,19					
GEJCFX	PowerPlex® Fusion					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	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 4sp - STR Results

GFNZFV	GlobalFiler™ PCR Amplification kit					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
GJCDER	PowerPlex® Fusion 6C					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
GMCAVQ	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
GN6FG7	PowerPlex® Fusion					
	[12],16.3,17.3	16,[17],[18],26	[10],14,15	15,[17],18	11,[12]	
4sp	8,10,[12]	13,15	13,[14]	17,19	[10],12	12,13
	13,17,[18]	14	29,30	14,15	X,Y	10,11,[12]
	20	11,12,[13]	12,16		6,8,[9.3]	8,9
	16,19	10				
GPXC4E	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
GRH8JR	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
GRMMWT	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	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 4sp - STR Results

GRZJYC	PowerPlex® Fusion (TrueAllele)					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
GTE8WB	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
GUDHH7	Identifiler® Plus, PowerPlex® Fusion 6C (STRmix)					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
GVYPKA	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
GXNYTP	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
GY2QK7	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
H29PVK	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	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 4sp - STR Results

H6PJKD	PowerPlex® F6C					
	16,3,17.3	16,26	10,11,14,15	15,16,18	11	
4sp	8,10	13,15	13,14	17,19	12	12,13
	13,17	12,14	29,30	14,15	X,Y	10,11
	20	11,12	5,12,16	22.2,27.2	6,8	8,9
	16,19	10	17	18		
H7CGHH	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
H876W7	PowerPlex® Fusion (TrueAllele)					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	11,12	12,16		6,8	8,9
	16,19	10				
H92HM7	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
HA2G7E	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
HBN3QN	Identifiler® Plus					
	-	16,26	-	15,18	11	-
4sp	8,10	13,15	-	-	12	12,13
	13,17	14	29,30	-	X,Y	10,11
	20	-	-	-	6,8	8,9
	16,19	-	-	-	-	
HBUECY	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	10,12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8,9.3	8,9
	16,19	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 4sp - STR Results

HC6WAG	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
HEC7M8	GlobalFiler™ (STRmix)					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
HGECZM	PowerPlex® 5C, 6C					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
HGW23K	GlobalFiler™					
	16,3,17.3	16,26	[11],14,15	15,18	11,11	
4sp	8,10	12,13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8,[9.3]	8,9
	16,19	10			2	
HHTD3U	GlobalFiler™					
	12,16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19,22	12	12,13
	13,17	12,14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
HMPYX3	PowerPlex® Fusion 6C (STRmix)					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	16,17	17,18		
HND7RT	GlobalFiler™ Amplification Kit					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	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 4sp - STR Results

HQ7XYX	PowerPlex® Fusion					
	16,3,17,3	16,26	14,15	15,17,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
HQQH7Q	Investigator® 24plex QS (STRmix)					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10				
HVZX9M	PowerPlex® Fusion (STRmix)					
	16,3,17,3	16,26	14,15	15,18	11,12	
4sp	8,10,11	13,15	13,14	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,17,19	10				
HXJ78M	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
HYGQEZ	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
J2NAYU	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,[17**],18	11	
4sp	8,10	13,15	13	17,19	[10],12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
J88A28	PowerPlex® Fusion 5C					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	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 4sp - STR Results

J8TJEH	PowerPlex® Fusion					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
J9Z2BT	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
JAEV4T	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
JAHD7X	GlobalFiler™					
	16.3,17.3	16,[25],26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
JAYYU2	PowerPlex® Fusion					
	16.3,17.3	16,26	14,15	15,16,18	11	
4sp	8,10,11	12,13,15	13,14	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
JB9U6C	GlobalFiler™ (STRmix)					
	16.3,17.3	16,26	10,11,14,15	15,18	11	
4sp	8,10	13,15	13	17,19,22	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
JBUM76	PowerPlex® Fusion (STRmix)					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	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 4sp - STR Results

JCWRBC	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
JHMMAG	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,[10]	13,15	13	17,19	12	12,[13]
	13,[17]	14	29,30	14,15	[X],Y	10,11
	20			27.2	6,8	8,9
	16,[19]	10			2	
JJZKL8	NGM SElect, MiniFiler					
	16.3,17.3	16,26	14,15	15,18		
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	
	16,19					
JN3V2M	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
JPBZGW	PowerPlex® 21					
	16.3,17.3	16,26		15,18	11,11	15,17
4sp	8,10	13,15		17,19	12,12	12,13
	13,17	14,14	29,30		X,Y	10,11
	20,20	11,12	12,16		6,8	8,9
	16,19					
JQMC78	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
JRUQE9	PowerPlex® Fusion (STRmix)					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	INC				

TABLE 2

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

Item 4sp - STR Results

JRZANC	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
JTLUX9	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
JTNHJT	PowerPlex® Fusion					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
JTQ6XL	GlobalFiler™					
	[12],16.3,17.3	16,[17],26	14,15	15,[17],18	11,[12]	
4sp	8,10	13,[14**],15	13	17,19	[10],12	12,13
	13,17	14	29,30	14,15,[16]	X,Y	10,11
	20			27.2,[28.2]	6,8	8,9
	16,19	10			2	
JY3EK3	GlobalFiler™ (STRmix)					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4sp	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9,3	8,9
	16,17,19	10			2	
JYRDAF	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
JYZPEJ	PowerPlex® Fusion 6C					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		

TABLE 2

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

Item 4sp - STR Results

K42V62	GlobalFiler™ (STRmix)						
		16,3,17,3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27,2,27,2	6,8	8,9
	16,19	10			2		
K8QUH6	Investigator® 24plex QS						
		16,3,17,3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27,2	6,8	8,9
	16,19	10					
K9F3QK	GlobalFiler™						
		16,3,17,3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27,2	6,8	8,9
	16,19	10			2		
K9GVNT	GlobalFiler™ (STRmix)						
		16,3,17,3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	[10],12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27,2	6,8	8,9
	16,19	10			2		
KE96XQ	Identifiler®, MiniFiler, Identifiler Plus (STRmix V2.5.11)						
			16,26		15,18	11,11	
	4sp	8,10	13,15			12,12	12,13
		13,17	14,14	29,30		X,Y	10,11
		20,20				6,8	8,9
	16,19						
KFEURM	GlobalFiler™						
		16,3,17,3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27,2,27,2	6,8	8,9
	16,19	10			2		
KGE3CM	Investigator® 24plex QS (STRmix)						
		16,3,17,3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27,2,27,2	6,8	8,9
	16,19	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 4sp - STR Results

KJVLWH	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
KMZKKA	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
KQD694	PowerPlex® Fusion (STRMix)						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	*12,13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,19	10					
KQTFWB	Identifiler® Plus (DNA View)						
			16,26		15,18	11	
	4sp	8,10	13,15			12	12,13
		13,17	14	29,30		X,Y	10,11
		20				6,8	8,9
	16,19						
KR4D88	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
KUUCNQ	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
KVCY6Q	PowerPlex® 21 (STRmix v2.6)						
		16,3,17.3	16,26		15,18	11,11	15,17
	4sp	8,10	13,15		17,19	12,12	12,13
		13,17	14,14	29,30		X,Y	10,11
		20,20	11,12	12,16		6,8	8,9
	16,19						

TABLE 2

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

Item 4sp - STR Results

KW4EH3	PowerPlex® Fusion 5 (STRmix)						
		16.3,17.3	16,26	14,15	15,17,18	11,12	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,19	10					
KX29C8	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
KXBLV4	PowerPlex® Fusion (STRmix (4e))						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,19	10					
KXJ28P	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
KZHYGB	PowerPlex® Fusion (TrueAllele)						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,19	10					
L3NBXH	PowerPlex® Fusion 6C						
		16.3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20	11,12	12,16	27.2,27.2	6,8	8,9
	16,19	10	17	18			
L3NWB4	PowerPlex® Fusion (STRmix)						
		[11],16.3,17.3	16,26	14,15	15,[17],18	11	
	4sp	8,10	13,15	13	17,19	12	[11],12,13
		13,17	[12],14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,19	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 4sp - STR Results

L3QJU4	PowerPlex® Fusion						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,19	10					
L4CGR9	Identifiler® Plus						
			16,26		15,18	11	
	4sp	8,10	13,15			12	12,13
		13,17	14	29,30		X,Y	10,11
		20				6,8	8,9
	16,19						
L6WWNX	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
L8VEDD	PowerPlex® Fusion 5C						
		16,3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20	11,12	12,16		6,8	8,9
	16,19	10					
L9UELQ	GlobalFiler™, Investigator® 24plex						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
L9ULWH	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
LA672L	PowerPlex® Fusion 6C						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18			

TABLE 2

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

Item 4sp - STR Results

LCUQHQC	PowerPlex® Fusion 5C, 6C					
	16,3,17.3	16,26	14,15	15,18	11	
	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
LD89P3	PowerPlex® Fusion					
	16,3,17.3	16,26	14,15	15,18	11	
	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
LDAE6H	PowerPlex® Fusion 6C					
	16,3,17.3	16,26	14,15	15,18	11	
	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
LDQ2GY	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
LE2UKE	PowerPlex® Fusion (STRmix)					
	16,3,17.3	16,26	14,15	15,18	11	
	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
LE63J7	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
LEY6CB	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	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 4sp - STR Results

LFQEWK	Identifiler® Plus (STRmix)					
		16,26		15,16,18	11	
4sp	8,10	13,15			12	12,13
	13,17	14	29,30		X,Y	10,11
	20				6,8	8,9
	16,19					
LN2UMK	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
LNQYRY	PowerPlex® Fusion 6C (STRmix)					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
LRH238	PowerPlex® Fusion (STRmix)					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	INC				
LT2WU	PowerPlex® Fusion 6C					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
LTLXY3	Investigator® 24plex QS					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10				
LVB88J	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	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 4sp - STR Results

LVLU3X	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
LY94HQ	PowerPlex® Fusion						
		12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
	4sp	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
		13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
		20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10					
LZ8QB3	Investigator® 24plex QS						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10					
M37ZMB	PowerPlex® Fusion 5C (STRMix)						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,19	10					
M4HBN2	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
MC9FBV	PowerPlex® Fusion						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,19	10					
MEBB3K	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	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 4sp - STR Results

MHBJ7V	PowerPlex® Fusion 5C					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
MK2T9A	PowerPlex® Fusion 5C (STRmix)					
	16,3,17.3	16,26	11,14,15	15,16,17,18	11,12	
4sp	8,10,11	13,14,15	13,14	17,19,22	10,12	12,13
	13,17,18	12,14	29,30	14,15,16	X,Y	10,11
	20	10,11,12,13	12,16		6,8,9.3	8,9
	16,17,19	10				
MKZWND	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
MN27RR	PowerPlex® Fusion 6C					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
MQC8AY	PowerPlex® Fusion 6C (STRMix)					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	16,17	17,18		
MUCVUA	PowerPlex® Fusion 5C (STRmix)					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
MXTDT7	PowerPlex® Fusion 6C					
	16,3,17.3	16,17,26	10,11,14,15	15,16,17,18	11,12	
4sp	8,10,11,12	12,13,15	13,14	16,17,19	10,12	12,13
	13,17,18	12,14	29,30	14,15	X,Y	10,11
	20	10,11,12	5,12,16	22.2,27.2	6,8,9.3	8,9
	16,17,19	10	17	18		

TABLE 2

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

Item 4sp - STR Results

MZE99J	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27,2,27,2	6,8	8,9
	16,19	10			2	
N2MPY3	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27,2,27,2	6,8	8,9
	16,19	10			2	
N3C2RG	Investigator® 24plex QS					
	16,3,17,3	16,26	14,15	15,[16],[17],18	11,11	N/A
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	N/A	N/A	27,2,27,2	6,8	8,9
	16,19	10	N/A	N/A	N/A	
N3JJVR	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27,2	6,8	8,9
	16,19	10			2	
N4DPFL	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	[12],14	29,30	14,15	X,Y	10,11
	20			27,2	6,8	8,9
	16,19	10			2	
N4UJWT	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27,2	6,8	8,9
	16,19	10			2	
N4VMZY	PowerPlex® Fusion 6C					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27,2	6,8	8,9
	16,19	10	17	18		

TABLE 2

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

Item 4sp - STR Results

N64WEP	GlobalFiler™ PCR Amplification Kit					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
N6NK87	PowerPlex® Fusion					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
N7M9JU	Identifiler® Plus					
		16,26		15,18	11,11	
4sp	8,10	13,15			12,12	12,13
	13,17	14,14	29,30		X,Y	10,11
	20,20				6,8	8,9
	16,19					
N9CGQB	Investigator® 24plex					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10				
NAFEVC	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
NALQGM	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
NDW9Q7	PowerPlex® Fusion 5C (STRMix)					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	INC				

TABLE 2

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

Item 4sp - STR Results

NF84JP	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2,28.2	6,8	8,9
	16,19	10			2	
NF9G2W	GlobalFiler™					
	16,3,17.3	16,[18],26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
NFMZNE	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
NFN7E6	PowerPlex® Fusion 6C					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
NHA2UH	GlobalFiler™ (STRmix)					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
NKKY8Y	PowerPlex® Fusion					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
NL3GPH	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	-
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	-	-	27.2,27.2	6,8	8,9
	16,19	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 4sp - STR Results

NMNUMV	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
NPAGG4	GlobalFiler™, MiniFiler						
		16,3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
NPC4YH	PowerPlex® Fusion						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,19	10					
NRVCXH	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
NTE62Z	PowerPlex® Fusion						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,19	10					
NWU697	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
NXRP72	PowerPlex® Fusion (STRMix)						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,19	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 4sp - STR Results

NZER4E	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
NZQC84	PowerPlex® Fusion (STRMix)						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,19	INC					
NZURQV	PowerPlex® Fusion 5C						
		16,3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20	11,12	12,16		6,8	8,9
	16,19	10					
P2KB8M	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11,12	
	4sp	8,10	13,15	13,14	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
P2XU7Y	PowerPlex® Fusion 5C (STRmix)						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,19	10					
P6L87V	PowerPlex® Fusion 5C						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,19	10					
PB6V3J	IDplexPlus						
			16,26		15,18	11,11	
	4sp	8,10	13,15			12,12	12,13
		13,17	14,14	29,30		X,Y	10,11
		20,20				6,8	8,9
	16,19						

TABLE 2

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

Item 4sp - STR Results

PC44YP	PowerPlex® 21					
	16,3,17,3	16,26		15,18	11,11	15,17
4sp	8,10	13,15		17,19	12,12	12,13
	13,17	14,14	29,30		X,Y	10,11
	20,20	11,12	12,16		6,8	8,9
	16,19					
PCGDHJ	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
PCNGB3	PowerPlex® Fusion 6C					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
PE9DQF	GlobalFiler™ Plus					
	12,16,3,17,3	16,18,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
PF4LP4	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
PGH28C	PowerPlex® F6C (STRmix)					
	16,3,17,3	16,26	14,15	15,16,18	11,12	
4sp	8,10	13,15	13,14	17,19	12	12,13
	13,17	14	29,30	14,15,16	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
PGUK6M	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13,[14**]
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,[17**],19	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 4sp - STR Results

PHXZQ2	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
PJLJL	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
PK9WN6	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
PMMHZ7	PowerPlex® Fusion 6C						
		16,3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20	11,12	12,16	27.2,27.2	6,8	8,9
	16,19	10	17	18			
PRA3HL	GlobalFiler™ PCR Amplification kit						
		16,3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
PW8MDH	PowerPlex® Fusion 6C						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18			
PYDZAY	GlobalFiler™						
		16,3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	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 4sp - STR Results

PZPK9Z	PowerPlex® Fusion (STRmix)					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
Q227RF	PowerPlex® PP21					
	16,3,17.3	16,26		15,18	11,11	15,17
4sp	8,10	13,15		17,19	12,12	12,13
	13,17	14,14	29,30		X,Y	10,11
	20,20	11,12	12,16		6,8	8,9
	16,19					
Q2JCQ6	GlobalFiler™ (STRmix)					
	12,16,3,17.3	16,18,26	11,14,15	15,18	11,12	
4sp	8,10,12	13,15	13	17,19	11,12	12,13
	13,17,18	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,17,19	10			2	
Q2TW99	PowerPlex® Fusion 6C, GlobalFiler™ (STRmix)					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18	2	
Q2XP73	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
Q3TVHA	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
Q3U4W2	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	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 4sp - STR Results

Q4PNKZ	Investigator® 24plex QS (STRmix)					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10				
Q7RBVX	PowerPlex® Fusion					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
Q82E82	Identifiler® Plus					
		16,26		15,18	11	
4sp	8,10	13,15			12	12,13
	13,17	14	29,30		X,Y	10,11
	20				6,8	8,9
	16,19					
QAB48Q	PowerPlex® Fusion 6C (STRmix)					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	11,12	12,16	27.2,27.2	6,8	8,9
	16,19	10	17	18		
QB234G	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	-
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	-	-	27.2,27.2	6,8	8,9
	16,19	10	-	-	2	
QBXYD7	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
QDPXUP	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	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 4sp - STR Results

QKMMBU	Investigator® 24plex					
	[12],16.3,17.3	16,[17],[18],26	[10],[11],14,15	15,[16],[17],18	11,[12]	
4sp	8,10,[11],[12]	13,15	13,[14]	17,19,[22]	[10],[11],12	12,13
	13,17,[18]	[12],14	29,30	14,15	X,Y	10,11,[12]
	20			[22.2],27.2,[28.2]	6,8,[9.3]	8,9
	16,[17],19	10				
QL282J	PowerPlex® Fusion 5C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4sp	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10				
QLPWHY	GlobalFiler™					
	16.3,17.3	16,[25],26	14,15	15,[16],18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
QMWVF9	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
QNBHD8	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
QPJEG7	PowerPlex® Fusion 5C (True Allele)					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
QPYKUA	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	[12],14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	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 4sp - STR Results

QRB7VW	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
QT8U2Y	PowerPlex® Fusion 6C					
	16,3,17,3	16,26	14,15	15,16,18	11,12	
4sp	8,10,11	13,15	13	17,19	10,12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	5,12,16	27.2	6,8	8,9
	16,19	10	17	18		
QUH43P	GlobalFiler™					
	16,3,17,3	16,26	[10],14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
QUYRA7	PowerPlex® Fusion 5C					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
QVW4AF	PowerPlex® Fusion					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
QWN2GL	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
QYQ2GJ	PowerPlex® Fusion 6C					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		

TABLE 2

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

Item 4sp - STR Results

R3AWW2	GlobalFiler™ (STRmix)					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
R4MFVD	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
R4Y9PF	Investigator® 24plex QS					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10				
R829PC	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
RC6M6G	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	NT
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	NT	NT	27.2,27.2	6,8	8,9
	16,19	10	NT	NT	2	
RD2WH8	Identifiler® Plus (STRmix)					
		16,26		15,18	11,11	
4sp	8,10	13,15			12,12	12,13
	13,17	14,14	29,30		X,Y	10,11
	20,20				6,8	8,9
	16,19					
RFFWKE	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	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 4sp - STR Results

RL2HGL	PowerPlex® Fusion 5C					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
RLFTC7	GlobalFiler™ (STRmix)					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
RM74X8	PowerPlex® Fusion 5C, GlobalFiler™ (STRmix)					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10			2	
RMQVY6	GlobalFiler™ (STRmix)					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
RNN48N	PowerPlex® Fusion 6C					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17,18	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
RNZPTJ	PowerPlex® Fusion 6C, 5C					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
RPBREH	PowerPlex® Fusion 6C, 5C					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		

TABLE 2

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

Item 4sp - STR Results

RT2Q2T	PowerPlex® Fusion 5C					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17,18	14,14	29,30	14,15	X,Y	10,11,12
	20,20	11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10				
R4Y4Z7Z	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
T2P72G	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
T38GBN	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,17,18	11	
4sp	8,10	13,15	13	17,19	12,13	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.7	6,8	8,9
	16,19	10			2	
T6AD2H	PowerPlex® Fusion 5C					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
T6QZ6D	PowerPlex® Fusion 6C					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
T74RZF	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	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 4sp - STR Results

T7JYDK	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
T7QYL2	PowerPlex® F6C						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18			
T8CWJ7	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
T8YK38	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
TFRWEM	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11,12	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
TH2Y9Y	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,[16],18	11,11	
	4sp	8,10,[11]	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
TMP6JA	PowerPlex® Fusion (TrueAllele)						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,19	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 4sp - STR Results

TMWNWX	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27,2,27,2	6,8	8,9
	16,19	10			2	
TNKUYN	PowerPlex® Fusion 6C (STRmix)					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	11,12	12,16	27,2,27,2	6,8	8,9
	16,19	10	17	18		
TRHDWG	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27,2	6,8	8,9
	16,19	10			2	
TRWZY4	Identifiler®, MiniFiler					
		16,26		15,18	11	
4sp	8,10	13,15			12	12,13
	13,17	14	29,30		X,Y	10,11
	20				6,8	8,9
	16,19					
TTDZ9K	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27,2	6,8	8,9
	16,19	10			2	
TTU28F	GlobalFiler™					
	16,3,17,3	16,26	10,14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27,2	6,8	8,9
	16,19	10			2	
TU7PML	GlobalFiler™ PCR Amplification Kit					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27,2,27,2	6,8	8,9
	16,19	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 4sp - STR Results

TUNPQB	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
TWEYRP	PowerPlex® Fusion 6C (STRmix)					
	16.3,17.3	16,18,26	14,15	15,16,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	12,14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	22.2,27.2	6,8	8,9
	16,19	10	17	18		
TWXD88	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
TXN8HC	Identifiler®, Investigator® 24plex QS					
	16.3,17.3	16,26	14,15	15,18	11,11	N/A
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	N/A	N/A	27.2,27.2	6,8	8,9
	16,19	10	N/A	N/A	N/A	
TYK9WF	PowerPlex® Fusion					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4sp	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10				
TZFWB6	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
U3KXWN	PowerPlex® Fusion					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	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 4sp - STR Results

U68JJJ	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
U94C99	PowerPlex® Fusion					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
UACEB7	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
UC7TM9	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
UDCKUH	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
UDULH7	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
UGYNQ2	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	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 4sp - STR Results

UKL8RY	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
UKU4XH	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
ULUHQN	Identifiler® Plus (STRmix)					
		16,26		15,18	11,11	
4sp	8,10	13,15			12,12	12,13
	13,17	14,14	29,30		X,Y	10,11
	20,20				6,8	8,9
	16,19					
UM4KCM	Identifiler® Plus					
		16,26		15,18	11,11	
4sp	8,10	13,15			12,12	12,13
	13,17	14,14	29,30		X,Y	10,11
	20,20				6,8	8,9
	16,19					
UM9RVH	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
UNHRX4	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
UTEEVX	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	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 4sp - STR Results

UTP2PR	Investigator® 24plex					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10				
UTXKT3	GlobalFiler™ (STRmix)					
	16,3,17.3	16,26	14,15	15,18	11,12	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17,18	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,18,19	10			2	
V3HVV3	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
VB8FLF	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
VCJ2CH	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
VCKUAP	PowerPlex® Fusion 5C					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	11,12	12,16		6,8	8,9
	16,19	10				
VJL798	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	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 4sp - STR Results

VKUHMN	PowerPlex® Fusion 5C						
		16.3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20	11,12	12,16		6,8	8,9
	16,19	10					
VLCTXV	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18,[19]	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
VMKH48	PowerPlex® Fusion 5C						
		12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
	4sp	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
		13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
		20	10,11,12,13	5,12,16		6,8,9.3	8,9
	16,17,19	10					
VNTVPF	PowerPlex® Fusion 6C						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18			
VNXFT4	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
VP2ZU4	PowerPlex® Fusion 5C						
		16.3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19,22	12,12	12,13
		13,17	12,14	29,30	14,15	X,Y	10,11
		20,20	11,12	12,16		6,8	8,9
	16,19	10					
VPB8LK	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	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 4sp - STR Results

VQ3R3X	PowerPlex® Fusion 6C					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4sp	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20	10,11,12,13	5,12,16	22.2,27.2,28.2	6,8,9.3	8,9
	16,17,19	10	17	18		
VQYDEB	GlobalFiler™					
	16.3,17.3	16,[25],26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
VTQJJM	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
VUZ4DB	GlobalFiler™ (STRmix)					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
VW7AMW	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
VYXKP6	GlobalFiler™ (STRmix 2.4)					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
W2DH8R	PowerPlex® Fusion					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	11,12	12,16		6,8	8,9
	16,19	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 4sp - STR Results

W9G2RG	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
WCXG4U	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
WEAYJT	GlobalFiler™					
	12,15.3,16.3,17.3	16,17,18,26	10,11,14,15	15,16,17,18	11,12	
4sp	8,10,11,12	12,13,15	13,14	16,17,19,22	10,11,12	12,13
	13,17,18	12,13,14	29,30	14,15,16	X,Y	10,11,12
	20			22.2,27.2,28.2	6,8,9,3	8,9
	16,17,19	10			2	
WG6J2D	PowerPlex® Fusion 5C, Fusion 6C					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
WLJ6ZC	PowerPlex® Fusion 6C					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
WMYUAW	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
WN432M	PowerPlex® Fusion					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	11,12	12,16		6,8	8,9
	16,18,19	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 4sp - STR Results

WN8PFF	PowerPlex® Fusion 5C and 6C					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
WQTC94	Identifiler®					
		16,26		15,18	11	
4sp	8,10	13,15			12	12,13
	13,17	14	29,30		X,Y	10,11
	20				6,8	8,9
	16,19					
WRRGZJ	PowerPlex® Fusion 6C (STRmix)					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	11,12	12,16	27.2,27.2	6,8	8,9
	16,19	10	17	18		
WTZMBY	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,[16],[17],18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	[12],14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
WU3NJW	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
WUXNLW	PowerPlex® Fusion					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
WVRZCB	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	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 4sp - STR Results

WWF74F	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11,[12]	
	4sp	8,10	13,15	13,[14]	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,[28.2]	6,8	8,9
	16,19	10,[11]			2		
WX26PY	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
WYQXLW	GlobalFiler™ (STRmix)						
		16.3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11,12
		20,20			22.2,27.2	6,8	8,9
	16,19	10			2		
WZ6XPP	PowerPlex® Fusion 6C (STRmix)						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18			
X2PMD4	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
X3QGB2	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
X4W6BY	PowerPlex® Fusion 5C						
		16.3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20	11,12	12,16		6,8	8,9
	16,19	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 4sp - STR Results

X76CHY	PowerPlex® 21					
	16.3,17.3	16,26		15,18	11,11	15,17
4sp	8,10	13,15		17,19	12,12	12,13
	13,17	14,14	29,30		X,Y	10,11
	20,20	11,12	12,16		6,8	8,9
	16,19					
X7PR82	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
X9E2EH	PowerPlex® Fusion					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
XCEZFE	PowerPlex® Fusion 5C					
	[12],16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	[12],14	29,30	14,15	X,Y	10,11
	20	11,12	[5],12,16		6,8	8,9
	16,19	10				
XCF69P	PowerPlex® Fusion 6C					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
XDNRPV	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
XEKYL2	PowerPlex® Fusion					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	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 4sp - STR Results

XEZ2N3	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
XH4UNT	PowerPlex® Fusion (STRmix)						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,19	10					
XHZAWJ	PowerPlex® Fusion 5						
		[11],16.3,17.3	16,26	14,15	15,[17],18	11	
	4sp	8,10	13,15	13	17,19	12	[11],12,13
		13,17	[12],14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,19	10					
XLPWQD	PowerPlex® PowerPlex®21 (STRmix v2.4.06)						
		16.3,17.3	16,26		15,18	11,11	15,17
	4sp	8,10	13,15		17,19	12,12	12,13
		13,17	14,14	29,30		X,Y	10,11
		20,20	11,12	NR,NR		6,8	8,9
	16,19						
XMG32C	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
XQAUZF	PowerPlex® Fusion						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8	8,9
	16,19	10					
XRJWEY	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	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 4sp - STR Results

XTK44R	GlobalFiler™						
		16.3,17.3	16,[25],26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
XUX7YL	PowerPlex® Fusion						
		16.3,17.3	16,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20	11,12	12,16		6,8,9.3	8,9
	16,19	10					
XVB7AF	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	10			2		
XVLRG	GlobalFiler™						
		16.3,17.3	16,18,26	14,15	15,18	11	
	4sp	8,10	13,15	13	17,19	12	12,13
		13,17	14	29,30	14,15	X,Y	10,11
		20			27.2	6,8	8,9
	16,19	10			2		
XYNM6K	Identifiler® Plus						
			16,26		15,18	11,11	
	4sp	8,10	13,15			12,12	12,13
		13,17	14,14	29,30		X,Y	10,11
		20,20				6,8	8,9
	16,19						
XYK8F	PowerPlex® ESX 17 Fast						
		16.3,17.3	16,26	14,15	15,18		
	4sp		13,15	13,13	17,19		12,13
		13,17	14,14	29,30	14,15	X,Y	
		20,20			27.2,27.2	6,8	
	16,19						
XZGHUD	GlobalFiler™						
		16.3,17.3	16,26	14,15	15,18	11,11	
	4sp	8,10	13,15	13,13	17,19	12,12	12,13
		13,17	14,14	29,30	14,15	X,Y	10,11
		20,20			27.2,27.2	6,8	8,9
	16,19	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 4sp - STR Results

XZKVLG	PowerPlex® Fusion					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
XZZ9UL	Identifiler®, PowerPlex® Fusion 5C					
	16.3,17.3	16,26	[10],14,15	15,[17],18	11,[12]	
4sp	8,10,[11]	13,15	13	17,19	12	12,13
	13,17	[12],14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8,[9.3]	8,9
	16,[17],19	10				
Y728HF	GlobalFiler™ (TrueAllele)					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
Y8UCEE	GlobalFiler™					
	16.3,17.3	16,[17],[18],[25**],26	[10],14,15	15,[17],18	11,[12]	
4sp	8,10,[12]	13,15	13	[16],17,19	[10],[11],12	12,13
	13,17,[18]	14	29,30	14,15	X,Y	10,11,[12]
	20			27.2	6,8	8,9
	16,[18**],19	10			2	
Y97N4Q	PowerPlex® Fusion (STRmix on epithelial (e) fraction)					
	16.3,17.3	16,25,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	11,12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20,33.2	11,12	12,16		6,8	8,9
	16,17,19	10				
Y9XTZT	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
YCRBY	GlobalFiler™ (STRmix)					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	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 4sp - STR Results

YD69G4	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
YFANJM	PowerPlex® Fusion 5C					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
YFPA7N	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13,[14]
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
YGYT6E	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
YJCUA8	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
YLBQJT	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
YLXF3U	GlobalFiler™					
	16,3,17,3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	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 4sp - STR Results

YN3QYC	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
YTDZNZ	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
YUDB74	PowerPlex® Fusion 6C (STRmix)					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
YXUA7X	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
YZATZZ	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
Z3ELRE	PowerPlex® Fusion, 21, Verifiler					
	16,3,17.3	16,26	14,15	15,18	11,11	15,17
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	11,12	12,16		6,8	8,9
	16,19	10,10			2	
Z6LEMJ	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	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 4sp - STR Results

Z6YJVB	GlobalFiler™ Amplification Kit					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
Z7HZC4	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	[12],14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
Z8CPGW	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
Z9RC88	PowerPlex® Fusion					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
ZCJXHG	Identifiler®, PowerPlex® Fusion					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	11,12	12,16		6,8	8,9
	16,19	10				
ZDF9HP	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
ZFP3QW	PowerPlex® Fusion 6C					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		

TABLE 2

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

Item 4sp - STR Results

ZH8KBZ	PowerPlex® Fusion 6C (STRmix)					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
ZHGZ6U	PowerPlex® Fusion 6C					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
ZJ3X3Z	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	10,12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
ZJ8UQH	GlobalFiler™					
	16,3,17.3	16,[25],26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
ZKFQW2	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
ZLCUW4	PowerPlex® Fusion (STRmix)					
	16,3,17.3	16,26	14,15	15,16,18	11	
4sp	10	13,14,15	13	17,19	12	12,13
	13,17,18	12,14	29,30	14,15	X	10,11
	20	11,12	12,16		6,8	8,9
	16,19	10				
ZLPQYN	PowerPlex® Fusion					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	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 4sp - STR Results

ZLUDU2	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
ZLZHDK	Identifiler®, MiniFiler, Identifiler Plus					
		16,26		15,18	11,11	
4sp	8,10	13,15			12,12	12,13
	13,17	14,14	29,30		X,Y	10,11
	20,20				6,8	8,9
	16,19					
ZPCA37	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
ZQZNP	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
ZUHVZC	GlobalFiler™					
	16,3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20			27.2,27.2	6,8	8,9
	16,19	10			2	
ZWWPA4	PowerPlex® Fusion 6C					
	16,3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20	11,12	12,16	27.2	6,8	8,9
	16,19	10	17	18		
ZX3QVG	PowerPlex® Fusion (STRmix)					
	11,16,3,17.3	16,26	14,15	15,17,18	11	
4sp	8,10	13,15	13	17,19	12	11,12,13
	13,17	12,14	29,30	14,15	X,Y	10,11
	20	11,12	12,16		6,8	8,9
	16,19	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 4sp - STR Results

ZXT2RP	GlobalFiler™					
	12,15.3,16.3,17.3	16,[17],[18],26	10,11,14,15	15,[16],[17],18	11,12	
4sp	8,10,11,12	[12],13,15	13,14	16,17,19,22	[10],[11],12	12,13
	13,17,[18]	[12],[13],14	29,30	14,15,[16]	X,Y	10,11,[12]
	20			[22.2],27.2,[28.2]	6,8,[9.3]	8,9
	16,[17],19	10			2	
ZY388Y	GlobalFiler™ (STRmix)					
	12,16.3,17.3	16,26	11,14,15	15,16,18	11,12	
4sp	8,10	13,15	13,14	17,19	12,13	12,13
	13,17	14	29,30	14,15,16	X,Y	10,11
	20			27.2,28.2	6,8	8,9
	16,18,19,20	10			2	
ZZVN4N	GlobalFiler™					
	16.3,17.3	16,26	14,15	15,18	11	
4sp	8,10	13,15	13	17,19	12	12,13
	13,17	14	29,30	14,15	X,Y	10,11
	20			27.2	6,8	8,9
	16,19	10			2	
ZZWCRT	PowerPlex® Fusion (STRmix)					
	16.3,17.3	16,26	14,15	15,18	11,11	
4sp	8,10	13,15	13,13	17,19	12,12	12,13
	13,17	14,14	29,30	14,15	X,Y	10,11
	20,20	11,12	12,16		6,8	8,9
	16,19	10				

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

3CUJ6M	Yfiler™ Plus									
1	[REDACTED]									
678GLU	PowerPlex® Y 23									
1	[REDACTED]									
7WE8HC	PowerPlex® Y 23									
1	[REDACTED]									
7YWHYN	Yfiler™, PowerPlex® Fusion 5C									
1	NR	NR,NR	NR	NR	NR	NR	NR	NR	NR	
	NR	NR	NR	NR	NR	NR	NR	NR	NR	
							NR		NR	
AXT7W6	Yfiler™ Plus									
1	NR	NR	NR	NR	NR	NR	NR	NR	NR	
	NR	NR	NR	NR	NR	NR	NR	NR	NR	
	NR	NR	NR	NR	NR	NR	NR	NR	NR	
BA994N	Yfiler™ Plus									
1	NR	NR	NR	NR	NR	NR	NR	NR	NR	
	NR	NR	NR	NR	NR	NR	NR	NR	NR	
	NR	NR	NR	NR	NR	NR	NR	NR	NR	
BPQ8UU	Yfiler™									
1	NR	NR	NR,NR	NR	NR	NR	NR	NR	NR	
	NR	NR	NR	NR	NR	NR	NR	NR	NR	
	NR	NR	NR	NR	NR	NR	NR	NR	NR	
DE8GDN	Yfiler™ Plus									
1	no result	no result	no result	no result	no result	no result	no result	no result	no result	
	no result	no result	no result	no result	no result	no result	no result	no result	no result	
	no result	no result	no result	no result	no result	no result	no result	no result	no result	
E2HFDD	Yfiler™ Plus									
1	NR	NR	NR	NR	NR	NR	NR	NR	NR	
	NR	NR	NR	NR	NR	NR	NR	NR	NR	
	NR	NR	NR	NR	NR	NR	NR	NR	NR	
E3TNJM							ND			
1	[REDACTED]									
J7YXJ7	PowerPlex® Y 23									
1	[REDACTED]									

TABLE 3

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

Item 1 - YSTR Results

L4CGR9	Yfiler™								
1	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
NPAGG4	Yfiler™								
1	no result	no result	no result	no result	no result	no result	no result	no result	no result
	no result	no result	no result	no result	no result	no result	no result	no result	no result
							no result		no result
QWHN2C	Yfiler™								
1	NR	NR	NR,NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
							NR		NR
UACEB7	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
VYXKP6	Yfiler™ Plus								
1	no results	no results	no results	no results	no results	no results	no results	no results	no results
	no results	no results	no results	no results	no results	no results	no results	no results	no results
	no results	no results		no results	no results	no results	no results		no results
WQTC94									
1	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
							NA		NA
ZLUDU2	Yfiler™								
1	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
							-		-

TABLE 3

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

Item 2 - YSTR Results

22LLAE	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
236DP4	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
28PPWR	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
2JMFWD	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
2MMQQT	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
2TTDNN	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
2YAGAQ	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
32GXGL	PowerPlex® Y Y23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
344VDQ	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
34FEC3	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13	-	16	19	22	23	-	13
3CUJ6M	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13

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

3JZY8H	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
3L9J7W	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
3P2DFC	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
3QEX8M	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
3Z4FAA	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
43MC86	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
43RRJK	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
46DEDT	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
472NQM	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
47BE7L	PowerPlex® Y Y23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
4B6LW2	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13

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

4EHJ8V	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
4LMTNJ	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
4RAF32	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
4V4AZ3	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
4XGADK	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
64B2G7	Yfiler™ Plus PCR Amplification Kit								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
64H9EE	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
66B7MK	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
678GLU	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
6D2TBW	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
6FM434	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13

TABLE 3

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

Item 2 - YSTR Results

6K8T4U	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
6LF6LV	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
6NLQCG	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
6PWGCK	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
6QNPBN	Yfiler™								
2	-	14	11,14	13	28	24	11	13	12
	15	12	12	19	-	16	16	-	-
	-	-	-	-	-	-	23	-	13
6ZBPL7	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
6ZDD9B	Yfiler™ Plus								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
76NPYB	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
77BK6P	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
793CJG	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
7AJ839	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13

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

7AW8ZX	PowerPlex® Y 23								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
	13	13	16	19		23	10	13	
7B4JGZ	PowerPlex® Y								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
	13	13	16	19		23	10	13	
7BCA3Q	PowerPlex® Y 23								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
	13	13	16	19		23	10	13	
7G2HC4	Yfiler™								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	13
						23			
7KNRRW	Yfiler™								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	13
						23			
7KWT9H	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
7LTPUC	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
7NJNBV	Yfiler™								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	13
						23			
7NLDGE	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
7PF9XV	Yfiler™								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	13
						23			
7U8B4F	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13

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

7WE8HC	PowerPlex® Y 23								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
	13	13	16	19		23	10	13	
7YWHYN	Yfiler™, PowerPlex® Fusion 5C								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	13
89PGYF	Yfiler™								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	13
89ZMPP	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13	16	19	22	23		13	
8ATY9Q	PowerPlex® Y 23								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
	13	13	16	19		23	10	13	
8FJ6ED	Yfiler™								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	13
8H3D97	Yfiler™ Plus PCR Amplification Kit								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13	16	19	22	23		13	
8H42UQ	PowerPlex® Y 23								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
	13	13	16	19		23	10	13	
8HQ7AP	PowerPlex® Y 23								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
	13	13	16	19		23	10	13	
8HT6JK	PowerPlex® Y 23								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
	13	13	16	19		23	10	13	
8NYC6V	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13	16	19	22	23		13	

TABLE 3

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

Item 2 - YSTR Results

8REYN8	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
8VR9P7	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		13
							23		13
8WDKMK	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		13
							23		13
8X3QMM	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
8YX6EM	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
97EZUG	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
9ELG73	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		13
							23		13
9X47TF	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
A3T3UC	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
A69PEJ	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		13
							23		13
A8HMXR	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		13
							23		13

TABLE 3

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

Item 2 - YSTR Results

ACTBGF	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
AEMWA8	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
AKUFGD	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
ALKLTW	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
ANMLTU	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
AQEDRZ	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
ATK2MB	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
AVABUQ	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
AWGARZ	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
AXT7W6	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
B24P9H	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13

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

B2P8HJ	PowerPlex® Y Y23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
B96WVX	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
BA994N	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
BAJ8YX	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
							23		13
BJEFXN	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
							23		13
BKJPNE	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
BPQ8UU	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
							23		13
BTFKNX	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
							23		13
BTHVG2	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
BWY6ND	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
							23		13
BWZTBH	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13

TABLE 3

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

Item 2 - YSTR Results

BZCFNG	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
C3HQBP	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
C4VDT4	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		13
							23		13
C7KLZK	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		13
							23		13
CAJXVK	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		13
							23		13
CFL4BM	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		13
							23		13
CHPBN3	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
CHUP24	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
CLDNNX	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		13
							23		13
CPBADF	Yfiler™, PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
CRHM29	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13

TABLE 3

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

Item 2 - YSTR Results

CVJ74N	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
CWECFV	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		13
							23		13
D6X8GU	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
DE8GDN	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
DTM6HW	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
DZNXHY	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		13
							23		13
DZQ62Y	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		13
							23		13
E2HFDD	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
E3TNJM									
2							11		
E4ZCDH	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		13
							23		13
E9J7PB	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13

TABLE 3

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

Item 2 - YSTR Results

E9XURX	PowerPlex® Y 23								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
	13	13	16	19		23	10	13	
EA74MF	PowerPlex® Y 23								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
	13	13	16	19		23	10	13	
ECW33Y	Yfiler™								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	-	16	16	-	-
	-	-	-	-	-	23	-	13	
ECYTAH	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
EFWEYY	Yfiler™								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	-	16	16	-	-
	-	-	-	-	-	23	-	13	
EFYUJD	PowerPlex® Y 23								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
	13	13	16	19		23	10	13	
EJLWLX	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
EMH3ZW	Yfiler™								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
						23		13	
ENEYLQ	Yfiler™								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
						23		13	
EQRCXT	Yfiler™								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
						23		13	
EUK6BN	Yfiler™								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
						23		13	

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

EVV8WM	Yfiler™									
	2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16	23	13		
F2BRA6	Yfiler™									
	2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16	23	13		
F4EYP6	Yfiler™ Plus									
	2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23	
41	13		16	19	22	23		13		
F9YF6A	Yfiler™ Plus									
	2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23	
41	13		16	19	22	23		13		
FC94H7	PowerPlex® Y 23									
	2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16	23	10	23	
	13	13	16	19					13	
FD6FHF	PowerPlex® Y 23									
	2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16	23	10	23	
	13	13	16	19					13	
FJFE48	PowerPlex® Y 23									
	2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16	23	10	23	
	13	13	16	19					13	
FLZL4U	Yfiler™									
	2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16	23	13	13	
FM78KF	Yfiler™ Plus									
	2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23	
41	13		16	19	22	23		13		
FMDKDN	Yfiler™									
	2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16	23	13	13	
FV4W46	Yfiler™ Plus									
	2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23	
41	13		16	19	22	23		13		

TABLE 3

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

Item 2 - YSTR Results

G24KCW	Yfiler™									
	2	14	11,14	13	28	24	11	13	12	
	15	12	12	19		16	16		13	
							23			
G269Y2	Yfiler™									
	2	14	11,14	13	28	24	11	13	12	
	15	12	12	19		16	16		13	
							23			
G34H3J	Yfiler™									
	2	14	11,14	13	28	24	11	13	12	
	15	12	12	19		16	16		13	
							23			
G4HEH3	Yfiler™ Plus									
	2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23	
	41	13		16	19	22	23		13	
G68QBG	Yfiler™									
	2	14	11,14	13	28	24	11	13	12	
	15	12	12	19		16	16		13	
							23			
G6QMP3	PowerPlex® Y 23									
	2	14	11,14	13	28	24	11	13	12	
	15	12	12	19		16	16		23	
		13	13	16	19		23	10	13	
GAZB2D	Yfiler™									
	2	14	11,14	13	28	24	11	13	12	
	15	12	12	19		16	16		13	
							23			
GDKRJ4	PowerPlex® Y 23									
	2	14	11,14	13	28	24	11	13	12	
	15	12	12	19		16	16		23	
		13	13	16	19		23	10	13	
GFNZFV	Yfiler™ Plus PCR Amplification Kit									
	2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23	
	41	13		16	19	22	23		13	
GN6FG7	PowerPlex® Y 23									
	2	14	11,14	13	28	24	11	13	12	
	15	12	12	19		16	16		23	
		13	13	16	19		23	10	13	
GRH8JR	Yfiler™									
	2	14	11,14	13	28	24	11	13	12	
	15	12	12	19		16	16		13	
							23		13	

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

GRZJYC	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19	16	16	16	23	
		13	13	16	19		23	10	13
GTE8WB	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
GV2D9E	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19	16	16	16	23	
		13	13	16	19		23	10	13
GVYPKA	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
GY2QK7	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
H6PJKD	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19	16	16	16	23	
		13	13	16	19		23	10	13
H876W7	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12		19	16	16	16	23	
							23		13
HA2G7E	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19	16	16	16	23	
							23		13
HC6WAG	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
HGECZM	PowerPlex® Y Y23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19	16	16	16	23	
		13	13	16	19		23	10	13
HGW23K	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13

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

HHTD3U	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
HND7RT	Yfiler™ Plus Amplification Kit								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
HVZX9M	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
HYGQEZ	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
J7YXJ7	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
J9Z2BT	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
JAEV4T	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
JAHD7X	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
JCWRBC	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
JEBE9C	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
JHMMAG	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13

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

JJZKL8	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
JN3V2M	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
							23		13
JQMC78	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
							23		13
JRUQE9	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
							23		13
JRZANC	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
JYZPEJ	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
							23		13
K42V62	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
K9GVNT	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
KFEURM	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
KJVLWH	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
							23		13
KMZKKA	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13

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

KQTFWB	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
KUUCNQ	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
KX29C8	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
KXBLV4	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
KXJ28P	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
KZHYGB	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
L3NWB4	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
L4CGR9	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
LCUQHQ	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
LDAE6H	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
LE2UKE	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13

TABLE 3

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

Item 2 - YSTR Results

LE63J7	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
LFQEW C	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
LRH238	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
LVB88J	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
LY94HQ	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
M37ZMB	PowerPlex® Y Y23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
MXTDT7	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
N3JJVR	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
N4DPFL	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
N4UJW T	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
N4VMZY	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13

TABLE 3

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

Item 2 - YSTR Results

N64WEP	Yfiler™ Plus PCR Amplification kit								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
N7M9JU	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
N9CGQB	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
NAFEVC	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
NDW9Q7	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
NF84JP	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
NF9G2W	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
NFN7E6	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
NPAGG4	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
NZER4E	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
NZQC84	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13

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

NZURQV	PowerPlex® Y 23								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
	13	13	16	19		23	10	13	
P2KB8M	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13	16	19	22	23			13
P2XU7Y	PowerPlex® Y 23								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
	13	13	16	19		23	10	13	
PCNGB3	PowerPlex® Y 23								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
	13	13	16	19		23	10	13	
PF4LP4	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13	16	19	22	23			13
PGH28C	Yfiler™								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
						23		13	
PJJJL	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13	16	19	22	23			13
PMMHZ7	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13	16	19	22	23			13
PRA3HL	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13	16	19	22	23			13
Q2TW99	PowerPlex® Y 23								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
	13	13	16	19		23	10	13	
Q2XP73	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13	16	19	22	23			13

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

Q3TVHA	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
Q7RBVX	Yfiler™								
2		14	11,14	13	28	24	11	13	
	15	12	12	19		16	16		
							23		13
Q82E82	Yfiler™ Y-STR								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
QAB48Q	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
QB234G	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13	-	16	19	22	23	-	13
QKMMBU	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
QL282J	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
QLPWHY	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
QNBHD8	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
QPJEG7	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
QRB7VW	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13

TABLE 3

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

Item 2 - YSTR Results

QT8U2Y	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
QUH43P	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
QVW4AF	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
QWHN2C	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
QWN2GL	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
R4MFVD	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
RCUDGV	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
RD2WH8	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
RFFWKE	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
RM74X8	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
RN9HY8	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13

TABLE 3

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

Item 2 - YSTR Results

RT2Q2T	PowerPlex® Y Y23								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16	16	23	
	13	13	16	19		23	10	13	
RZZWRU	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
T38GBN	Yfiler™								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16			
						23		13	
T6AD2H	PowerPlex® Y 23								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
	13	13	16	19		23	10	13	
T74RZF	Yfiler™								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16			
						23		13	
T7JYDK	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
T7QYL2	PowerPlex® Y 23								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
	13	13	16	19		23	10	13	
T8YK38	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
TFRWEM	Yfiler™								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16			
						23		13	
TH2Y9Y	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
TMP6JA	PowerPlex® Y 23								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
	13	13	16	19		23	10	13	

TABLE 3

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

Item 2 - YSTR Results

TNKUYN	PowerPlex® Y 23								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
	13	13	16	19		23	10	13	
TRHDWG	Yfiler™								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	13
TRWZY4	Yfiler™								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	13
TTDZ9K	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
TU7PML	Yfiler™ Plus PCR Amplification Kit								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
TYK9WF	Yfiler™								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	13
U68JJJ	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
UACEB7	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
UC7TM9	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
UDCKUH	Yfiler™ Plus PCR Amplification								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
UGYNQ2	PowerPlex® Y 23								
2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23	
	13	13	16	19		23	10	13	

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

ULUHQN	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
UM4KCM	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
UM9RVH	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
UNHRX4	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
V3HVV3	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
V9K8RZ	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
VB8FLF	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
VCJ2CH	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
VLCTXV	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
VMKH48	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
VNXFT4	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13

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

VQ3R3X	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19	16	16	16	23	
		13	13	16	19		23	10	13
VQYDEB	Yfiler™ Plus, Yfiler™								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
VYXKP6	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
W2DH8R	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
WEAYJT	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19	16	16	16	23	
		13	13	16	19		23	10	13
WG6J2D	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19	16	16	16	23	
		13	13	16	19		23	10	13
WMYUAW	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
WQTC94	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
WRRGZJ	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19	16	16	16	23	
		13	13	16	19		23	10	13
WTZMBY	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
WX26PY	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19	16	16	16	23	
		13	13	16	19		23	10	13

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

WYQXLW	Yfiler™									
	2	14	11,14	13	28	24	11	13	12	
	15	12	12	19		16	16		13	
							23			
X3QGB2	Yfiler™ Plus									
	2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23	
41	13		16	19	22	23		13		
X76CHY	PowerPlex® Y 23									
	2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23		
	13	13	16	19		23	10	13		
X7PR82	Yfiler™									
	2	14	11,14	13	28	24	11	13	12	
	15	12	12	19		16	16		13	
							23		13	
XCF69P	PowerPlex® Y 23									
	2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23		
	13	13	16	19		23	10	13		
XDNRPV	Yfiler™ Plus									
	2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23	
41	13		16	19	22	23		13		
XH4UNT	PowerPlex® Y 23									
	2	14	11,14	13	28	24	11	13	12	
	15	12	12	19	16	16		23		
	13	13	16	19		23	10	13		
XHZAWJ	PowerPlex® Y 23									
	2	14	11,14	13	28	24	11	13	12	
	15	12	12	19		16	16		23	
	13	13	16	19		23	10	13		
XLPWQD	Yfiler™									
	2	14	11,14	13	28	24	11	13	12	
	15	12	12	19		16	16		13	
							23		13	
XMG32C	Yfiler™ Plus									
	2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23	
41	13		16	19	22	23		13		
XRJWEY	Yfiler™ Plus									
	2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23	
41	13		16	19	22	23		13		

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

XTK44R	Yfiler™ Plus									
	2	35	14	11,14	13	28	24	11	13	12
		15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23			13
XVLRIG	Yfiler™ Plus									
	2	35	14	11,14	13	28	24	11	13	12
		15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23			13
XYYK8F	Yfiler™ Plus									
	2	35,35	14	11,14	13	28	24	11	13	12
		15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23			13
Y728HF	Yfiler™ Plus									
	2	35	14	11,14	13	28	24	11	13	12
		15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23			13
Y9XTZT	Yfiler™ Plus									
	2	35	14	11,14	13	28	24	11	13	12
		15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23			13
YD69G4	Yfiler™ Plus									
	2	35	14	11,14	13	28	24	11	13	12
		15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23			13
YFPA7N	Yfiler™ Plus									
	2	35	14	11,14	13	28	24	11	13	12
		15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23			13
YGYT6E	Yfiler™ Plus									
	2	35,35	14	11,14	13	28	24	11	13	12
		15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23			13
YJCUA8	Yfiler™ Plus									
	2	35,35	14	11,14	13	28	24	11	13	12
		15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23			13
YLXF3U	Yfiler™ Plus									
	2	35	14	11,14	13	28	24	11	13	12
		15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23			13
YN3QYC	Yfiler™ Plus									
	2	35	14	11,14	13	28	24	11	13	12
		15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23			13

TABLE 3

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

Item 2 - YSTR Results

YUDB74	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
YXUA7X	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
Z3ELRE	Yfiler™ Plus Amplification Kit								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	40	13	13	16	19	22	23	10	13
Z6YJVB	Yfiler™ Plus Amplification Kit								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
Z7HZC4	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
ZCJXHG	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
ZFP3QW	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
ZH8KBZ	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
ZHGZ6U	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
ZJ8UQH	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
ZLCUW4	PowerPlex® Y Y23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13

TABLE 3

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

Item 2 - YSTR Results

ZLUDU2	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
ZUHVZC	Yfiler™ Plus								
2	35,35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
ZWWPA4	Yfiler™								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		
							23		13
ZX3QVG	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
ZXT2RP	PowerPlex® Y 23								
2		14	11,14	13	28	24	11	13	12
	15	12	12	19		16	16		23
		13	13	16	19		23	10	13
ZYK3RL	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13
ZZVN4N	Yfiler™ Plus								
2	35	14	11,14	13	28	24	11	13	12
	15	12	12	19	31	16	16	10	23
	41	13		16	19	22	23		13

TABLE 3

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

Item 3 - YSTR Results

3Z4FAA	Yfiler™								
3	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results
							No Results		No Results

6K8T4U	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR

6LF6LV	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR

7YWHYN	Yfiler™, PowerPlex® Fusion 5C								
3		NR	NR, NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
							NR		NR

AXT7W6	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR

BA994N	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR

CAJVK	Yfiler™								
3									

DE8GDN	Yfiler™ Plus								
3	no result	no result	no result	no result	no result	no result	no result	no result	no result
	no result	no result	no result	no result	no result	no result	no result	no result	no result
	no result	no result	no result	no result	no result	no result	no result	no result	no result

E2HFDD	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR

E3TNJM									
3							ND		

E4ZCDH	Yfiler™								
3									

TABLE 3

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

Item 3 - YSTR Results

GVPKA	Yfiler™								
3	[Redacted]								

NPAGG4	Yfiler™								
3	no result	no result	no result	no result	no result	no result	no result	no result	no result
	no result	no result	no result	no result	no result	no result	no result	no result	no result
							no result		no result

NZURQV	PowerPlex® Y 23								
3	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.
		Neg.	Neg.	Neg.	Neg.		Neg.	Neg.	Neg.

PCNGB3	PowerPlex® Y 23								
3	[Redacted]								

Q3TVHA	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR

RT2Q2T	PowerPlex® Y Y23								
3	[Redacted]								

TRWZY4	Yfiler™								
3	[Redacted]								

UACEB7	Yfiler™								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR

UGYNQ2	PowerPlex® Y 23								
3	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results
	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results	No Results

UM9RVH	Yfiler™ Plus								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	-	-		-	-	-	-		-

VYXKP6	Yfiler™ Plus								
3	no results	no results	no results	no results	no results	no results	no results	no results	no results
	no results	no results	no results	no results	no results	no results	no results	no results	no results
	no results	no results	no results	no results	no results	no results	no results	no results	no results

TABLE 3

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

Item 3 - YSTR Results

WQTC94	Yfiler™								
3	NA	NA	NA	NA	NA	NA	NA	NA	NA
	NA	NA	NA	NA	NA	NA	NA	NA	NA
							NA		NA
X3QGB2	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
XZZ9UL	Yfiler™								
3		NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		No result (NR)	NR		
							NR		NR
Y9XTZT	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
YXUA7X	Yfiler™ Plus								
3	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR		NR	NR	NR	NR		NR
ZCJXHG	Yfiler™								
3		NR	NR	NR	NR	NR	NR	NR	NR
	NR	NR	NR	NR		NO RESULT	NR		
							NR		NR
ZLCUW4	PowerPlex® Y Y23								
3									
ZLUDU2	Yfiler™								
3	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
							-		-

TABLE 3

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

Item 3e - YSTR Results

7PF9XV	Yfiler™								
3e	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-

TABLE 3

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

Item 3sp - YSTR Results

7PF9XV	Yfiler™								
3sp	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-

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

236DP4	Yfiler™								
4		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
3P2DFC	PowerPlex® Y 23								
4		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
7U8B4F	Yfiler™ Plus								
4	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
7YWHYN	Yfiler™, PowerPlex® Fusion 5C								
4		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
8H3D97	Yfiler™ Plus PCR Amplification Kit								
4	35	14		13	29	23	10	13	
	15	12	12	19	29	15	16	11	22
		12		17	18	22	23		13
8YX6EM	Yfiler™ Plus								
4	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
BPQ8UU	Yfiler™								
4		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
CHPBN3	Yfiler™ Plus								
4	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
DZQ62Y	Yfiler™								
4		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
H876W7	Yfiler™								
4		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
JEBE9C	Yfiler™ Plus								
4	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

TABLE 3

WebCode	Amplification Kit									
Item	DYF387S1	DYS19	DYS385	DYS389-I	DYS389-II	DYS390	DYS391	DYS392	DYS393	
	DYS437	DYS438	DYS439	DYS448	DYS449	DYS456	DYS458	DYS460	DYS481	
	DYS518	DYS533	DYS549	DYS570	DYS576	DYS627	DYS635	DYS643	YGATAH4	
Item 4 - YSTR Results										
QWHN2C	Yfiler™									
4		14	11,14	13	29	23	10	13	14	
	15	12	12	19		15	16			
							23		13	
QWN2GL	Yfiler™									
4		14	11,14	13	29	23	10	13	14	
	15	12	12	19		15	16			
							23		13	
RCUDGV	Yfiler™ Plus									
4	35,36	14	11,14	13	29	23	10	13	14	
	15	12	12	19	29	15	16	11	22	
	37	12		17	18	22	23		13	
RZZWRU	Yfiler™ Plus									
4	35,36	14	11,14	13	29	23	10	13	14	
	15	12	12	19	29	15	16	11	22	
	37	12		17	18	22	23		13	
V9K8RZ	Yfiler™ Plus									
4	35,36	14	11,14	13	29	23	10	13	14	
	15	12	12	19	29	15	16	11	22	
	37	12		17	18	22	23		13	
ZYK3RL	Yfiler™ Plus									
4	35,36	14	11,14	13	29	23	10	13	14	
	15	12	12	19	29	15	16	11	22	
	37	12		17	18	22	23		13	

TABLE 3

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

Item 4e - YSTR Results

22LLAE	Yfiler™								
4e	[REDACTED]								

28PPWR	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

2JMFWD	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13

2MMQQT	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

2TTDNN	Yfiler™								
4e	[REDACTED]								

2YAGAQ	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13

32GXGL	PowerPlex® Y Y23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13

344VDQ	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13

34FEC3	Yfiler™ Plus								
4e	35,36	14	11,14	13	-	23	10	-	14
	15	12	12	19	29	15	16	11	22
	37	12	-	17	18	-	23	-	13

3CUJ6M	Yfiler™ Plus								
4e	[REDACTED]								

3CWYNF	Yfiler™								
4e	[REDACTED]								

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 4e - YSTR Results

3FTUX3	Yfiler™								
4e	N/A	14	11,14	13	29	23	10	13	14
	15	12	12	19	N/A	15	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	13
3JZY8H	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
3L9J7W	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
3QEX8M	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
3Z4FAA	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
43MC86	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
43RRJK	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
46DEDT	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
472NQM	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
47BE7L	PowerPlex® Y Y23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
4B6LW2	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

TABLE 3

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

Item 4e - YSTR Results

4EHJ8V	Yfiler™								
4e	[REDACTED]								

4LMTNJ	PowerPlex® Y 23								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	22		
	12	13	17	18	23	10	13		

4RAF32	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12	17	18	22	23	13		

4V4AZ3	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12	17	18	22	23	13		

4XGADK	PowerPlex® Y 23								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	22		
	12	13	17	18	23	10	13		

64B2G7	Yfiler™ Plus PCR Amplification Kit								
4e	[REDACTED]								

64H9EE	PowerPlex® Y 23								
4e	[REDACTED]								

66B7MK	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12	17	18	22	23	13		

678GLU	PowerPlex® Y 23								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	22		
	12	13	17	18	23	10	13		

6D2TBW	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12	17	18	22	23	13		

6FM434	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12	17	18	22	23	13		

TABLE 3

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

Item 4e - YSTR Results

6K8T4U	Yfiler™ Plus								
4e	36	14	NR	13	NR	NR	10	NR	14
	15	12	NR	19	NR	NR	NR	NR	22
	NR	NR		NR	18	22	23		13
6LF6LV	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
6NLQCG	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
6PWGCK	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
6QNPBN	Yfiler™								
4e	-	14	11,14	13	29	23	10	13	14
	15	12	12	19	-	15	16	-	-
	-	-	-	-	-	-	23	-	13
6UK7Q3									
4e	N/A	14	11,14	13	29	23	10	13	14
	15	12	12	19	N/A	15	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	13
6ZBPL7	Yfiler™ Plus								
4e									
6ZDD9B	PowerPlex® Y								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
76NPYB	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
77BK6P	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
793CJG	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

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 4e - YSTR Results

7AJ839	Yfiler™								
4e	[REDACTED]								
7AW8ZX	PowerPlex® Y 23								
4e	14	INC	13	29	23	10	---	14	
	15	12	12	19	15	16		22	
	12	13	17	18		23	---	13	
7BCA3Q	PowerPlex® Y 23								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16		22	
	12	13	17	18		23	10	13	
7KNRRW	Yfiler™								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16		22	
						23		13	
7KWT9H	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
7LTPUC	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
7NJNBV	Yfiler™								
4e	[REDACTED]								
7NLDGE	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
7PF9XV	Yfiler™								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16		22	
						23		13	
89PGYF	Yfiler™								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16		22	
						23		13	
89ZMPP	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

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 4e - YSTR Results

8ATY9Q	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
8FJ6ED	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
							23		13
8H42UQ	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
8HQ7AP	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
8HT6JK	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
8NYC6V	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
8REYN8	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
8VR9P7	Yfiler™								
4e				13	29	23	10	13	
	15	12				15			
									13
8WDKMK	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
							23		13
8X3QMM	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
97EZUG	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

TABLE 3

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

Item 4e - YSTR Results

9ELG73	Yfiler™								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16			
						23			13
9T474J	Yfiler™								
4e									
9X47TF	PowerPlex® Y 23								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16		22	
		12	13	17	18	23	10	13	
A3T3UC	PowerPlex® Y 23								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16		22	
		12	13	17	18	23	10	13	
A69PEJ	Yfiler™								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16			
						23			13
A8HMXR	Yfiler™								
4e									
ACTBGF	Yfiler™								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16			
						23			13
AEMWA8	Yfiler™								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16			
						23			13
AKUFGD	Yfiler™								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16			
						23			13
ALKLTW	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
ANMLTU	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

TABLE 3

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

Item 4e - YSTR Results

AQEDRZ	Yfiler™								
4e	[REDACTED]								

ATK2MB	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

AUE9PH	Yfiler™								
4e	[REDACTED]								

AVABUQ	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13

AVLNX9	Yfiler™								
4e	[REDACTED]								

AWGARZ	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13

AXT7W6	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

B24P9H	Yfiler™								
4e		14	11,14	13		23	10	13	14
	15	12	12	19		15	16		
							23		13

B96WVX	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	21,22	23		13

BA994N	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

BAJ8YX	Yfiler™								
4e	[REDACTED]								

TABLE 3

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

Item 4e - YSTR Results

BJEFXN	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13

BKJPNE	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

BTFKNX	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13

BTHVG2	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13

BWY6ND	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13

BWZTBH	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

BZCFNG	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

C2MJVE	Yfiler™								
4e									

C3HQBP	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

C4VDT4	Yfiler™								
4e									

C7KLZK	Yfiler™								
4e									

TABLE 3

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

Item 4e - YSTR Results

CAJXVK	Yfiler™								
4e	[REDACTED]								
CFL4BM	Yfiler™								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	23	13	
CHUP24	PowerPlex® Y 23								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	23	22	
	12	13	17	18	23	10	13		
CLDNNX	Yfiler™								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	23	13	
CPBADF	PowerPlex® Y 23								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	23	22	
	12	13	17	18	23	10	13		
CRHM29	PowerPlex® Y 23								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	23	22	
	12	13	17	18	23	10	13		
CVJ74N	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
CWECFV	Yfiler™								
4e	[REDACTED]								
D6X8GU	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
DE8GDN	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
DTM6HW	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

TABLE 3

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

Item 4e - YSTR Results

DZNXHY	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
E2HFDD	Yfiler™ Plus								
4e	36	NR	NR	13	29	NR	NR	NR	14
	15	12	NR	NR	NR	15	NR	NR	22
	37	12		NR	NR	NR	23		NR
E3TNJM									
4e							10		
E4ZCDH	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
E9J7PB	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
E9XURX	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
EA74MF	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
ECW33Y	Yfiler™								
4e	-	14	11,14	13	29	23	10	13	14
	15	12	12	19	-	15	16	-	-
	-	-	-	-	-	-	23	-	13
ECYTAH	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
EFWEYY	Yfiler™								
4e	-	14	11,14	13	29	23	10	13	14
	15	12	12	19	-	15	16	-	-
	-	-	-	-	-	-	23	-	13
EFYUJD	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13

TABLE 3

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

Item 4e - YSTR Results

EJLWLX	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
EMH3ZW	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
ENEYLQ	Yfiler™								
4e									
EQRCXT	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
EUK6BN	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
EVV8WM	Yfiler™								
4e									
F2BRA6	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
F4EYP6	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
F9YF6A	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
FC94H7	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
FD6FHF	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13

TABLE 3

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

Item 4e - YSTR Results

FHFNPC	Yfiler™								
4e	[REDACTED]								
FJFE48	PowerPlex® Y 23								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16		22	
	12	13	17	18		23	10	13	
FLZL4U	Yfiler™								
4e	[REDACTED]								
FM78KF	Yfiler™ Plus								
4e	[REDACTED]								
FMDKDN	Yfiler™								
4e	[REDACTED]								
FV4W46	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
G24KCW	Yfiler™								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16			
							23		13
G269Y2	Yfiler™								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16			
							23		13
G34H3J	Yfiler™								
4e	[REDACTED]								
G4HEH3	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
G68QBG	Yfiler™								
4e	14	14	13	29	23	10	13	14	
	15	12	12	19	15	16			
							23		13

TABLE 3

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

Item 4e - YSTR Results

G6QMP3	PowerPlex® Y 23								
4e	[REDACTED]								

GAZB2D	Yfiler™								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	23	13	

GDKRJ4	PowerPlex® Y 23								
4e	[REDACTED]								

GFNZFV	Yfiler™ Plus PCR Amplification Kit								
4e	[REDACTED]								

GN6FG7	PowerPlex® Y 23								
4e	[REDACTED]								

GRH8JR	Yfiler™								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	23	13	

GRZJYC	PowerPlex® Y 23								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	22		
	12	13	17	18	23	10	13		

GTE8WB	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12	17	18	22	23	13		

GVYPKA	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12	17	18	22	23	13		

GY2QK7	Yfiler™ Plus								
4e	[REDACTED]								

H6PJKD	PowerPlex® Y 23								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	22		
	12	13	17	18	23	10	13		

TABLE 3

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

Item 4e - YSTR Results

HA2G7E	Yfiler™								
4e	[REDACTED]								

HC6WAG	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

HGECZM	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16		22
		12	13	17	18		23	10	13

HGW23K	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

HND7RT	Yfiler™ Plus Amplification Kit								
4e	[REDACTED]								

HVZX9M	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16		22
		12	13	17	18		23	10	13

HYGQEZ	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

J9Z2BT	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

JAEV4T	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

JAHD7X	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

JCWRBC	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

TABLE 3

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

Item 4e - YSTR Results

JHMMAG	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
JJZKL8	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
JN3V2M	Yfiler™								
4e									
JQMC78	Yfiler™								
4e		14		13	29		10		14
	15	12				15	16		
							23		13
JRUQE9	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
JRZANC	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
JYZPEJ	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
K9GVNT	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
KE96XQ	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
KFEURM	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
KJVLWH	Yfiler™								
4e									

TABLE 3

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

Item 4e - YSTR Results

KMZKKA	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
KQTFWB	Yfiler™								
4e									
KUUCNQ	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
KX29C8	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
KXBLV4	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
KXJ28P	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
KZHYGB	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
L3NWB4	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
L4CGR9	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
							23		13
LCUQH9	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
							23		13
LDAE6H	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
							23		13

TABLE 3

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

Item 4e - YSTR Results

LE2UKE	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
LE63J7	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
LFQEWK	PowerPlex® Y 23								
4e									
LRH238	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
							23		13
LY94HQ	Yfiler™								
4e									
M37ZMB	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
MXTDT7	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
N3C2RG	Yfiler™								
4e	N/A	14	11,14	13	29	23	10	13	14
	15	12	12	19	N/A	15	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	13
N3JJVR	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
							23		13
N4DPFL	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
N4UJWT	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

TABLE 3

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

Item 4e - YSTR Results

N4VMZY	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
N64WEP	Yfiler™ Plus PCR Amplification kit								
4e									
N7M9JU	PowerPlex® Y 23								
4e									
NAFEVC	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
NDW9Q7	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
							23		13
NF84JP	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
NFN7E6	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
NPAGG4	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
							23		13
NZER4E	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
NZQC84	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
							23		13
NZURQV	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13

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 4e - YSTR Results

P2KB8M	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
P2XU7Y	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
PCNGB3	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
PF4LP4	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
PGH28C	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
PJLJL	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
PMMHZ7	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
PRA3HL	Yfiler™ Plus								
4e									
Q2TW99	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
Q2XP73	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
Q3TVHA	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

TABLE 3

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

Item 4e - YSTR Results

Q7RBVX	Yfiler™								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16			
						23			13
Q82E82	Yfiler™ Y-STR								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16			
						23			13
QAB48Q	PowerPlex® Y 23								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16		22	
		12	13	17	18	23	10	13	
QB234G	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12	-	17	18	22	23	-	13
QKMMBU	Yfiler™								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16			
						23			13
QL282J	Yfiler™								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16			
						23			13
QLPWHY	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
QNBHD8	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
QPJEG7	PowerPlex® Y 23								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16		22	
		12	13	17	18	23	10	13	
QRB7VW	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
QT8U2Y	PowerPlex® Y 23								
4e	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16		22	
		12	13	17	18	23	10	13	

TABLE 3

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

Item 4e - YSTR Results

QUH43P	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
QVW4AF	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
R4MFVD	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
RD2WH8	PowerPlex® Y 23								
4e									
RFFWKE	Yfiler™ Plus								
4e	35,36	14	[11,14]	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
RM74X8	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
RT2Q2T	PowerPlex® Y Y23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
T38GBN	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
T6AD2H	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
T74RZF	Yfiler™								
4e									
T7JYDK	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

TABLE 3

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

Item 4e - YSTR Results

T7QYL2	PowerPlex® Y								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19	15	16	22		
		12	13	17	18	23	10	13	
T8YK38	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
TFRWEM	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19	15	16	23		12,13
TH2Y9Y	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
TMP6JA	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19	15	16	22		
		12	13	17	18	23	10	13	
TNKUYN	PowerPlex® Y 23								
4e									
TRHDWG	Yfiler™								
4e									
TRWZY4	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19	15	16	23		13
TTDZ9K	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
TU7PML	Yfiler™ Plus PCR Amplification Kit								
4e									
TXN8HC	Yfiler™								
4e	N/A	14	11,14	13	29	23	10	13	14
	15	12	12	19	N/A	15	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	13

TABLE 3

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

Item 4e - YSTR Results

TYK9WF	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
U68JJJ	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
UACEB7	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
UC7TM9	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
UDCKUH	Yfiler™ Plus PCR Amplification								
4e									
UGYNQ2	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
ULUHQN	PowerPlex® Y 23								
4e									
UM4KCM	PowerPlex® Y 23								
4e									
UM9RVH	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
UNHRX4	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
V3HVV3	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

TABLE 3

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

Item 4e - YSTR Results

VB8FLF	Yfiler™ Plus								
4e			11	13					
			12	19		15	16		

VCJ2CH	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

VLCTXV	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

VMKH48	Yfiler™								
4e									

VNXFT4	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

VQ3R3X	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13

VQYDEB	Yfiler™ Plus, Yfiler™								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

VYXKP6	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

W2DH8R	Yfiler™								
4e									

WEAYJT	PowerPlex® Y 23								
4e									

WG6J2D	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13

TABLE 3

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

Item 4e - YSTR Results

WMYUAW	Yfiler™ Plus									
	4e	35,36	14	11,14	13	29	23	10	13	14
		15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23			13
WQTC94	Yfiler™									
	4e		14	11,14	[13]	[29]	[23]	10	13	14
		15	12	12	[19]		15	16		
							[23]			13
WRRGZJ	PowerPlex® Y 23									
	4e		14	11,14	13	29	23	10	13	14
		15	12	12	19		15	16		22
		12	13	17	18		23	10		13
WTZMBY	Yfiler™ Plus									
	4e	35,36	14	11,14	13	29	23	10	13	14
		15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23			13
WX26PY	PowerPlex® Y 23									
	4e		14	11,14	13	29	23	10	13	14
		15	12	12	19		15	16		22
		12	13	17	18		23	10		13
WYQLW	Yfiler™									
	4e									
X3QGB2	Yfiler™ Plus									
	4e	35,36	14	11,14	13	29	23	10	13	14
		15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23			13
X76CHY	PowerPlex® Y 23									
	4e									
X7PR82	Yfiler™									
	4e		14	11,14	13	29	23	10	13	14
		15	12	12	19		15	16		
							23			13
XCF69P	PowerPlex® Y 23									
	4e		14	11,14	13	29	23	10	13	14
		15	12	12	19		15	16		22
		12	13	17	18		23	10		13
XDNRPV	Yfiler™ Plus									
	4e	35,36	14	11,14	13	29	23	10	13	14
		15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23			13

TABLE 3

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

Item 4e - YSTR Results

XH4UNT	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
XHZAWJ	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
XLPWQD	Yfiler™								
4e									
XMG32C	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
XRJWEY	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
XTK44R	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
XVLRG	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
XYNM6K	Yfiler™								
4e									
XYYK8F	Yfiler™ Plus								
4e									
XZZ9UL	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
Y728HF	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

TABLE 3

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

Item 4e - YSTR Results

Y9XTZT	Yfiler™ Plus								
4e	NR	14	11,14	13	29	23	NR	NR	NR
	15	12	12	19	29	NR	16	NR	22
	NR	12		NR	18	NR	NR		NR
YD69G4	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
YFPA7N	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
YGYT6E	Yfiler™								
4e									
YJCUA8	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
YLXF3U	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
YN3QYC	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
YUDB74	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
YXUA7X	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
Z6YJVB	Yfiler™ Plus Amplification								
4e									
Z7HZC4	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

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 4e - YSTR Results

ZCJXHG	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
ZFP3QW	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
ZH8KBZ	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
ZHGZ6U	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
ZJ8UQH	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
ZLCUW4	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
ZLUDU2	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
ZLZHDK	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
ZUHVZC	Yfiler™ Plus								
4e									
ZWWPA4	Yfiler™								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
ZX3QVG	PowerPlex® Y 23								
4e		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13

TABLE 3

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

Item 4e - YSTR Results

ZXT2RP	PowerPlex® Y 23								
4e	[REDACTED]								
ZZVN4N	Yfiler™ Plus								
4e	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

TABLE 3

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

Item 4sp - YSTR Results

22LLAE	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
28PPWR	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
2JMFWD	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	18,19		15	16,17		
							23		13
2MMQQT	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
2TTDNN	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
2YAGAQ	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
32GXGL	PowerPlex® Y Y23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
344VDQ	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
34FEC3	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12	-	17	18	22	23	-	13
3CUJ6M	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
3CWYNF	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13

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 4sp - YSTR Results

3FTUX3	Yfiler™								
4sp	N/A	14	11,14	13	29	23	10	13	14
	15	12	12	19	N/A	15	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	13
3JZY8H	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
3L9J7W	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
3QEX8M	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
3Z4FAA	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
43MC86	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
43RRJK	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
46DEDT	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
472NQM	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
47BE7L	PowerPlex® Y Y23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
4B6LW2	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

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 4sp - YSTR Results

4EHJ8V	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
4LMTNJ	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
4RAF32	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
4V4AZ3	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
4XGADK	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
64B2G7	Yfiler™ Plus PCR Amplification Kit								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
64H9EE	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
66B7MK	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
678GLU	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
6D2TBW	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
6FM434	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

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 4sp - YSTR Results

6K8T4U	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
6LF6LV	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
6NLQCG	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
6PWGCK	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
6QNPBN	Yfiler™								
4sp	-	14	11,14	13	29	23	10	13	14
	15	12	12	19	-	15	16	-	-
	-	-	-	-	-	-	23	-	13
6UK7Q3									
4sp	N/A	14	11,14	13	29	23	10	13	14
	15	12	12	19	N/A	15	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	13
6ZBPL7	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
6ZDD9B	PowerPlex® Y								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
76NPYB	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
77BK6P	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
793CJG	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

TABLE 3

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

Item 4sp - YSTR Results

7AJ839	Yfiler™								
4sp	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16			
						23			13
7AW8ZX	PowerPlex® Y 23								
4sp	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16		22	
		12	13	17	18	23	10	13	
7B4JGZ	Yfiler™								
4sp	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16		22	
		12	13	(17)	(18)	23	10	13	
7BCA3Q	PowerPlex® Y 23								
4sp	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16		22	
		12	13	17	18	23	10	13	
7KNRRW	Yfiler™								
4sp	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16			
						23			13
7KWT9H	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
7LTPUC	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
7NJNBV	Yfiler™								
4sp	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16			
						23			13
7NLDGE	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
7PF9XV	Yfiler™								
4sp	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16			
						23			13
89PGYF	Yfiler™								
4sp	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16			
						23			13

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 4sp - YSTR Results

89ZMPP	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
8ATY9Q	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
8FJ6ED	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
8H42UQ	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
8HQ7AP	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
8HT6JK	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
8NYC6V	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
8REYN8	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
8VR9P7	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
8WDKMK	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
8X3QMM	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

TABLE 3

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

Item 4sp - YSTR Results

97EZUG	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
9ELG73	Yfiler™								
4sp									
9T474J	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
9X47TF	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
A3T3UC	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
A69PEJ	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
A8HMXR	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
ACTBGF	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
AEMWA8	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	11,12	12	19		15	16		
							23		13
AKUFGD	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
ALKLTW	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

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 4sp - YSTR Results

ANMLTU	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
AQEDRZ	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
ATK2MB	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
AUE9PH	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
AVABUQ	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
AVLNX9	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
AWGARZ	Yfiler™								
4sp									
AXT7W6	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
B24P9H	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
B96WVX	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
BA994N	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

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 4sp - YSTR Results

BAJ8YX	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
BJEFXN	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
BKJPNE	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	INC		13
BTFKNX	Yfiler™								
4sp									
BTHVG2	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
BWY6ND	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
BWZTBH	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
BZCFNG	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
C2MJVE	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
C3HQBP	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
C4VDT4	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13

TABLE 3

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

Item 4sp - YSTR Results

C7KLZK	Yfiler™									
	4sp	14	11,14	13	29	23	10	13	14	
		15	12	12	19	15	16	23	13	
CAJXVK	Yfiler™									
	4sp	14	11,14	13	29	23	10	13	14	
		15	12	12	19	15	16	23	13	
CFL4BM	Yfiler™									
	4sp	14	11,14	13	29	23	10	13	14	
		15	12	12	19	15	16	23	13	
CHUP24	PowerPlex® Y 23									
	4sp	14	11,14	13	29	23	10	13	14	
		15	12	12	19	15	16	22		
		12	13	17	18	23	10	13		
CLDNNX	Yfiler™									
	4sp	14	11,14	13	29	23	10	13	14	
		15	12	12	19	15	16	23	13	
CPBADF	PowerPlex® Y 23									
	4sp	14	11,14	13	29	23	10	13	14	
		15	12	12	19	15	16	22		
		12	13	17	18	23	10	13		
CRHM29	PowerPlex® Y 23									
	4sp	14	11,14	13	29	23	10	13	14	
		15	12	12	19	15	16	22		
		12	13	17	18	23	10	13		
CVJ74N	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	23	10	13	14
		15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13	
CWECFV	Yfiler™									
	4sp	14	11,14	13	29	23	10	13	14	
		15	12	12	19	15	16	23	13	
D6X8GU	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	23	10	13	14
		15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13	
DE8GDN	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	23	10	13	14
		15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13	

TABLE 3

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

Item 4sp - YSTR Results

DTM6HW	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

DZNXHY	Yfiler™								
4sp									

E2HFDD	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

E3TNJM										
4sp							10			

E4ZCDH	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13

E9J7PB	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13

E9XURX	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13

EA74MF	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13

ECW33Y	Yfiler™								
4sp	-	14	11,14	13	29	23	10	13	14
	15	12	12	19	-	15	16	-	-
	-	-	-	-	-	-	23	-	13

ECYTAH	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

EFWEYY	Yfiler™								
4sp	-	14	11,14	13	29	23	10	13	14
	15	12	12	19	-	15	16	-	-
	-	-	-	-	-	-	23	-	13

TABLE 3

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

Item 4sp - YSTR Results

EFYUJD	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
EJLWLX	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
EMH3ZW	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
ENEYLQ	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
EQRCXT	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
EUK6BN	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
EV8WM	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
F2BRA6	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
F4EYP6	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
F9YF6A	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
FC94H7	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13

TABLE 3

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

Item 4sp - YSTR Results

FD6FHF	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
FHFNPC	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
FJFE48	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
FLZL4U	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
FM78KF	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
FMDKDN	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
FV4W46	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
G24KCW	Yfiler™								
4sp									
G269Y2	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
G34H3J	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
G4HEH3	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

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 4sp - YSTR Results

G68QBG	Yfiler™	14	11,14	13	29	23	10	13	14	
		15	12	12	19	15	16			
							23		13	
G6QMP3	PowerPlex® Y 23	14	11,14	13	29	23	10	13	14	
		15	12	12	19	15	16		22	
			12	13	17	18	23	10	13	
GAZB2D	Yfiler™	14	11,14	13	29	23	10	13	14	
		15	12	12	19	15	16			
							23		13	
GDKRJ4	PowerPlex® Y 23	14	11,14	13	29	23	10	13	14	
		15	12	12	19	15	16		22	
			12	13	17	18	23	10	13	
GFNZFV	Yfiler™ Plus PCR Amplification Kit	35,36	14	11,14	13	29	23	10	13	14
		15	12	12	19	29	15	16	11	22
		37	12		17	18	22	23		13
GN6FG7	PowerPlex® Y 23	14	11,14	13	29	23	10	13	14	
		15	12	12	19	15	16		22	
			12	13	17	18	23	10	13	
GRH8JR	Yfiler™	14	11,14	13	29	23	10	13	14	
		15	12	12	19	15	16			
							23		13	
GRZJYC	PowerPlex® Y 23	14	11,14	13	29	23	10	13	14	
		15	12	12	19	15	16		22	
			12	13	17	18	23	10	13	
GTE8WB	Yfiler™ Plus	35,36	14	11,14	13	29	23	10	13	14
		15	12	12	19	29	15	16	11	22
		37	12		17	18	22	23		13
GVYPKA	Yfiler™ Plus	35,36	14	11,14	13	29	23	10	13	14
		15	12	12	19	29	15	16	11	22
		37	12		17	18	22	23		13
GY2QK7	Yfiler™ Plus	35,36	14	11,14	13	29	23	10	13	14
		15	12	12	19	29	15	16	11	22
		37	12		17	18	22	23		13

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 4sp - YSTR Results

H6PKD	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
HA2G7E	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
HC6WAG	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
HGECZM	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
HGW23K	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
HND7RT	Yfiler™ Plus Amplification Kit								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
HVZX9M	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
HYGQEZ	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
J9Z2BT	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
JAEV4T	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
JAHD7X	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

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 4sp - YSTR Results

JCWRBC	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
JHMMAG	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		23
									13
JJZKL8	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
JN3V2M	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		23
									13
JQMC78	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		23
									13
JRUQE9	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		23
									13
JRZANC	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
JYZPEJ	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		23
									13
K42V62	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
K9GVNT	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
KE96XQ	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

TABLE 3

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

Item 4sp - YSTR Results

KFEURM	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	23	10	13	14
		15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23			13
KJVLWH	Yfiler™									
	4sp		14	11,14	13	29	23	10	13	14
		15	12	12	19		15	16		22
							23			13
KMZKKA	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	23	10	13	14
		15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23			13
KQTFWB	Yfiler™									
	4sp		14	11,14	13	29	23	10	13	14
		15	12	12	19		15	16		22
							23			13
KUUCNQ	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	23	10	13	14
		15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23			13
KX29C8	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	23	10	13	14
		15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23			13
KXBLV4	PowerPlex® Y 23									
	4sp		14	11,14	13	29	23	10	13	14
		15	12	12	19		15	16		22
		12	13	17	18		23	10		13
KXJ28P	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	23	10	13	14
		15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23			13
KZHYGB	PowerPlex® Y 23									
	4sp		14	11,14	13	29	23	10	13	14
		15	12	12	19		15	16		22
		12	13	17	18		23	10		13
L3NWB4	PowerPlex® Y 23									
	4sp		14	11,14	13	29	23	10	13	14
		15	12	12	19		15	16		22
		12	13	17	18		23	10		13
L4CGR9	Yfiler™									
	4sp		14	11,14	13	29	23	10	13	14
		15	12	12	19		15	16		22
							23			13

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 4sp - YSTR Results

LCUQHQ	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
LDAE6H	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
LE2UKE	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
LE63J7	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
LFQEWC	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
LRH238	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
LY94HQ	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
M37ZMB	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
MXTD7	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
N3C2RG	Yfiler™								
4sp	N/A	14	11,14	13	29	23	10	13	14
	15	12	12	19	N/A	15	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	13
N3JJVR	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		12,13

TABLE 3

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

Item 4sp - YSTR Results

N4DPFL	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
N4UJW	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
N4VMZY	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
N64WEP	Yfiler™ Plus PCR Amplification kit								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
N7M9JU	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
N9CGQB									
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
							23		13
NAFEVC	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
NDW9Q7	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
							23		13
NF84JP	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
NFN7E6	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
NPAGG4	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
							23		13

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 4sp - YSTR Results

NZER4E	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
NZQC84	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
							23		13
NZURQV	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
P2KB8M	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
P2XU7Y	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
PCNGB3	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
PF4LP4	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
PGH28C	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
							23		13
PJLJL	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
PMMHZ7	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
PRA3HL	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

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 4sp - YSTR Results

Q2TW99	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19	15	16	22		
		12	13	17	18	23	10	13	
Q2XP73	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
Q3TVHA	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
Q7RBVX	Yfiler™								
4sp		14				23			14
	15	12	12			15			
							23		13
Q82E82	Yfiler™ Y-STR								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
QAB48Q	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
QB234G	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12	-	17	18	22	23	-	13
QKMMBU	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
QL282J	Yfiler™								
4sp									
QLPWHY	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
QNBHD8	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

TABLE 3

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

Item 4sp - YSTR Results

QPJEG7	PowerPlex® Y 23								
4sp	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	22		
	12	13	17	18	23	10	13		
QRB7VW	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12	17	18	22	23	13		
QT8U2Y	PowerPlex® Y 23								
4sp	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	22		
	12	13	17	18	23	10	13		
QUH43P	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12	17	18	22	23	13		
QVW4AF	Yfiler™								
4sp	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	22		
						23	13		
R4MFVD	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12	17	18	22	23	13		
RD2WH8	PowerPlex® Y 23								
4sp	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	22		
	12	13	17	18	23	10	13		
RFFWKE	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12	17	18	22	23	13		
RM74X8	PowerPlex® Y 23								
4sp	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	22		
	12	13	17	18	23	10	13		
RT2Q2T	PowerPlex® Y Y23								
4sp	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	22		
	12	13	17	18	23	10	13		
T38GBN	Yfiler™								
4sp	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	22		
						23	13		

TABLE 3

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

Item 4sp - YSTR Results

T6AD2H	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
T74RZF	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
T7JYDK	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
T7QYL2	PowerPlex® Y								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
T8YK38	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
TFRWEM	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
TH2Y9Y	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
TMP6JA	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
TNKUYN	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
TRHDWG	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
TRWZY4	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13

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 4sp - YSTR Results

TTDZ9K	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
TU7PML	Yfiler™ Plus PCR Amplification Kit								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
TXN8HC	Yfiler™								
4sp	N/A	14	11,14	13	29	23	10	13	14
	15	12	12	19	N/A	15	16	N/A	N/A
	N/A	N/A	N/A	N/A	N/A	N/A	23	N/A	13
TYK9WF	Yfiler™								
4sp									
U68JJJ	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
UACEB7	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
UC7TM9	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
UDCKUH	Yfiler™ Plus PCR Amplification								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
UGYNQ2	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
		15	12	19		15	16		22
		12	13	17	18		23	10	13
ULUHQN	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
		15	12	19		15	16		22
		12	13	17	18		23	10	13
UM4KCM	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
		15	12	19		15	16		22
		12	13	17	18		23	10	13

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 4sp - YSTR Results

UM9RVH	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
UNHRX4	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
V3HVV3	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
VB8FLF	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
VCJ2CH	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
VLCTXV	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
VMKH48	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
VNXFT4	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
VQ3R3X	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
VQYDEB	Yfiler™ Plus, Yfiler™								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
VYXKP6	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

TABLE 3

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

Item 4sp - YSTR Results

W2DH8R	Yfiler™									
	4sp	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	23	13	14	
WEAYJT	PowerPlex® Y 23									
	4sp	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	22	13	13	
WG6J2D	PowerPlex® Y 23									
	4sp	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	22	13	13	
WMYUAW	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22	
WQTC94	Yfiler™									
	4sp	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	23	13	13	
WRRGZJ	PowerPlex® Y 23									
	4sp	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	22	13	13	
WTZMBY	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22	
WX26PY	PowerPlex® Y 23									
	4sp	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	22	13	13	
WYQXLW	Yfiler™									
	4sp	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	23	13	13	
X3QGB2	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22	
X76CHY	PowerPlex® Y 23									
	4sp	14	11,14	13	29	23	10	13	14	
	15	12	12	19	15	16	22	13	13	

TABLE 3

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

Item 4sp - YSTR Results

X7PR82	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
XCF69P	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
XDNRPV	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
XH4UNT	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
XHZAWJ	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
XPWQD	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
XMG32C	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
XRJWEY	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
XTK44R	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
XVLRG	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
XYNM6K	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13

TABLE 3

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

Item 4sp - YSTR Results

XYK8F	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	23	10	13	14
		15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23			13
XZZ9UL	Yfiler™									
	4sp		14	11,14	13	29	23	10	13	14
		15	12	12	19		15	16		
							23			13
Y728HF	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	23	10	13	14
		15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23			13
Y9XTZT	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	23	10	13	14
		15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23			13
YD69G4	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	23	10	13	14
		15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23			13
YFPA7N	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	23	10	13	14
		15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23			13
YGYT6E	Yfiler™									
	4sp	35,36	14	11,14	13	29	23	10	13	-
		15	12	12	19	29	15	16	-	22
	-	12		17	18	22	23			13
YJCUA8	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	23	10	13	14
		15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23			13
YLXF3U	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	23	10	13	14
		15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23			13
YN3QYC	Yfiler™ Plus									
	4sp	35,36	14	11,14	13	29	23	10	13	14
		15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23			13
YUDB74	Yfiler™									
	4sp		14	11,14	13	29	23	10	13	14
		15	12	12	19		15	16		
							23			13

TABLE 3

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

Item 4sp - YSTR Results

YXUA7X Yfiler™ Plus										
4sp	35,36	14	11,14	13	29	23	10	13	14	
	15	12	12	19	29	15	16	11	22	
	37	12		17	18	22	23		13	
Z3ELRE										
4sp	35,36	14	11,14	13	29	23	10	13	14	
	15	12	12	19	29	15	16	11	22	
	37	12	13	17	18	22	23	10	13	
Z6YJVB Yfiler™ Plus Amplification										
4sp	35,36	14	11,14	13	29	23	10	13	14	
	15	12	12	19	29	15	16	11	22	
	37	12		17	18	22	23		13	
Z7HZC4 Yfiler™ Plus										
4sp	35,36	14	11,14	13	29	23	10	13	14	
	15	12	12	19	29	15	16	11	22	
	37	12		17	18	22	23		13	
ZCJXHG Yfiler™										
4sp		14	11,14	13	29	23	10	13	14	
	15	12	12	19		15	16			
							23		13	
ZFP3QW PowerPlex® Y 23										
4sp		14	11,14	13	29	23	10	13	14	
	15	12	12	19		15	16		22	
		12	13	17	18		23	10	13	
ZH8KBZ PowerPlex® Y 23										
4sp		14	11,14	13	29	23	10	13	14	
	15	12	12	19		15	16		22	
		12	13	17	18		23	10	13	
ZHGZ6U PowerPlex® Y 23										
4sp		14	11,14	13	29	23	10	13	14	
	15	12	12	19		15	16		22	
		12	13	17	18		23	10	13	
ZJ8UQH Yfiler™ Plus										
4sp	35,36	14	11,14	13	29	23	10	13	14	
	15	12	12	19	29	15	16	11	22	
	37	12		17	18	22	23		13	
ZLCUW4 PowerPlex® Y 23										
4sp		14	11			23	10	13	14	
	15	12	12	19		15	16		22	
			13	17			23	10	13	
ZLUDU2 Yfiler™										
4sp		14	11,14	13	29	23	10	13	14	
	15	12	12	19		15	16			
							23		13	

TABLE 3

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

Item 4sp - YSTR Results

ZLZHDK	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
ZUHVZC	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13
ZWWPA4	Yfiler™								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		
							23		13
ZX3QVG	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
ZXT2RP	PowerPlex® Y 23								
4sp		14	11,14	13	29	23	10	13	14
	15	12	12	19		15	16		22
		12	13	17	18		23	10	13
ZZVN4N	Yfiler™ Plus								
4sp	35,36	14	11,14	13	29	23	10	13	14
	15	12	12	19	29	15	16	11	22
	37	12		17	18	22	23		13

Additional DNA Results

TABLE 4

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

Locus	WebCode	Item 1	Item 2	Item 3	Item 3e	Item 3sp	Item 4	Item 4e	Item 4sp
F13A01	Z3ELRE	3,2,14	4,5	3,2,14				3,2,14	6,7
F13B	Z3ELRE	8,10	9,10	8,10				8,10	8,9
FESFPS	Z3ELRE	10,12	10,11	10,12				10,12	10,11
LPL	Z3ELRE	10,12	11,12	10,12				10,12	9,12
PENTA C	Z3ELRE	12,16	10,11	12,16				12,16	9,13

Mitochondrial DNA - HVRI Results

TABLE 5a - ITEM 1

Polymorphisms from Reference Sequence

	16256.0	16270.0	16293.0	16399.0
ITEM 1				
4N9N4W	T	T	G	G
64B2G7	T	T	G	
6ZBPL7	T	T	G	
7X3UUZ	T	T	G	
8GT9TW	T	T	G	G
8H3D97	T	T	G	
9BNTX8	T	T	G	
C7KLZK	T	T	G	
CHPBN3	T	T	G	
FEK9HV	T	T	G	
G24KCW	T	T	G	G
G27BHE	T	T	G	G
GFNZFV	T	T	G	
HBAAVR	T	T	G	
HND7RT	T	T	G	
JN3V2M	T	T	G	
JRUQE9	T	T	G	
N64WEP	T	T	G	
NZQC84	T	T	G	
P42Q9E	T	T	G	G
PRA3HL	T	T	G	
TU7PML	T	T	G	
UDCKUH	T	T	G	
X76CHY	T	T	G	G
XG4RLH	T	T	G	G
YGYT6E	T	T	G	
YUDB74	T	T	G	
Z6YJVB	T	T	G	
ZUHVZC	T	T	G	

TABLE 5a - ITEM 2

Polymorphisms from Reference Sequence

	16124.0	16189.0	16223.0	16311.0	16362.0	16519.0
ITEM 2						
4N9N4W	C		T	C	C	
64B2G7	C		T	C	C	
6ZBPL7	C		T	C	C	
7X3UUZ	C	Y	T	C	C	
8GT9TW	C	Y	T	C	C	C
8H3D97	C		T	C	C	
9BNTX8	C	Y	T	C	C	
C7KLZK	C	Y	T	C	C	
CHPBN3	C		T	C	C	
FEK9HV	C		T	C	C	
G24KCW	C	Y	T	C	C	C
G27BHE	C	Y	T	C	C	C
GFNZFV	C		T	C	C	
HBAAVR	C	Y	T	C	C	
HND7RT	C		T	C	C	
JN3V2M	C	Y	T	C	C	
JRUQE9	C	Y	T	C	C	
N64WEP	C		T	C	C	
NZQC84	C	Y	T	C	C	
P42Q9E	C	Y	T	C	C	C
PRA3HL	C		T	C	C	
TU7PML	C		T	C	C	
UDCKUH	C		T	C	C	
X76CHY	C		T	C	C	C
XG4RLH	C	Y	T	C	C	C
YGYT6E	C		T	C	C	
YUDB74	C	Y(C/T)	T	C	C	
Z6YJVB	C		T	C	C	
ZUHVZC	C		T	C	C	

TABLE 5a - ITEM 3

Polymorphisms from Reference Sequence

	16256.0	16270.0	16293.0	16399.0
ITEM 3				
4N9N4W	T	T	G	G
7X3UUZ	T	T	G	
8GT9TW	T	T	G	
9BNTX8	T	T	G	
C7KLZK	T	T	G	
FEK9HV	T	T	G	
G24KCW	T	T	G	G
G27BHE	T	T	G	G
HBAAVR	T	T	G	
JN3V2M	T	T	G	
JRUQE9	T	T	G	
NZQC84	T	T	G	
P42Q9E	T	T	G	
X76CHY	T	T	G	G
XG4RLH	T	T	G	
YUDB74	T	T	G	

TABLE 5a - ITEM 4

Polymorphisms from Reference Sequence

	16256.0	16270.0	16293.0	16399.0
ITEM 4				
8GT9TW	T	T	G	
G27BHE	T	T	G	G
P42Q9E	T	T	G	
YUDB74	T	T	G	

Mitochondrial DNA - HVRI Results

TABLE 5b

Bases Sequenced: HVR I

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
4N9N4W	15994-16400	15994-16400	15994-16400	NOT SEQ
64B2G7	16024-16365	16024-16365		
6ZBPL7	16024-16365	16024-16365		
7X3UUZ	16024-16387	16024-16388	16024-16385	
8GT9TW	16024-16569	16024-16569	16024-16391	16024-16391
8H3D97	16024-16365	16024-16365		
9BNTX8	16024-16388	16024-16388	16024-16388	
C7KLZK	15998-16390	15998-16390	15998-16390	not tested
CHPBN3	16024-16365	16024-16365		
FEK9HV	16024-16394	16024-16396	16024-16394	
G24KCW	15998-16569	15998-16569	15998-16569	
G27BHE	16024-16569	16024-16569	16024-16569	16024-16569
GFNZFV	16024-16365	16024-16365		
HBAAVR	15998-16390	15998-16390	15998-16390	not tested
HND7RT	16024-16365	16024-16365		
JN3V2M	15998-16390	15998-16390	15998-16390	not tested*
JRUQE9	16024-16365	16024-16365	16024-16365	
N64WEP	16024-16365	16024-16365		
NZQC84				
P42Q9E	16024-16569	16024-16569	16024-16391	16024-16391
PRA3HL	16024-16365	16024-16365		
TU7PML	16024-16365	16024-16365		
UDCKUH	16024-16365	16024-16365		
X76CHY	16033-16569	16023-16569	16033-16569	
XG4RLH	15998-16569	15998-16569	15998-16390	
YGYT6E	16024-16365	16024-16365		
YUDB74	15998-16390	15998-16390	15998-16390	15998-16390
Z6YJVB	16024-16365	16024-16365		
ZUHVZC	16024-16365	16024-16365		

Mitochondrial DNA - HVRII Results

TABLE 6a - ITEM 1

Polymorphisms from Reference Sequence

	73.0	263.0	315.1	523.0	524.0
ITEM 1					
4N9N4W	G	G	C		
64B2G7	G	G	C		
6ZBPL7	G	G	C		
7X3UUZ	G	G	C		
8GT9TW	G	G	C INS	DEL	DEL
8H3D97	G	G	C		
9BNTX8	G	G	C		
C7KLZK	G	G	C		
CHPBN3	G	G	C		
FEK9HV	G	G	C		
G24KCW	G	G	C	-	-
G27BHE	G	G	C INS	A DEL	C DEL
GFNZFV	G	G	C		
HBAAVR	G	G	C		
HND7RT	G	G	C		
JN3V2M	G	G	C		
JRUQE9	G	G	C		
N64WEP	G	G	C		
NZQC84	G	G	C		
P42Q9E	G	G	C INS	A DEL	C DEL
PRA3HL	G	G	C		
TU7PML	G	G	C		
UDCKUH	G	G	C		
X76CHY	G	G	C		
XG4RLH	G	G	C	-	-
YGYT6E	G	G	C		
YUDB74	G	G	C		
Z6YJVB	G	G	C		
ZUHVZC	G	G	C		

TABLE 6a - ITEM 2

Polymorphisms from Reference Sequence

	73.0	263.0	315.1	523.0	524.0
ITEM 2					
4N9N4W	G	G	C		
64B2G7	G	G	C		
6ZBPL7	G	G	C		
7X3UUZ	G	G	C		
8GT9TW	G	G	C INS	DEL	DEL
8H3D97	G	G	C		
9BNTX8	G	G	C		
C7KLZK	G	G	C		
CHPBN3	G	G	C		
FEK9HV	G	G	C		
G24KCW	G	G	C	-	-
G27BHE	G	G	C INS	A DEL	C DEL
GFNZFV	G	G	C		
HBAAVR	G	G	C		
HND7RT	G	G	C		
JN3V2M	G	G	C		
JRUQE9	G	G	C		
N64WEP	G	G	C		
NZQC84	G	G	C		
P42Q9E	G	G	C INS	A DEL	C DEL
PRA3HL	G	G	C		
TU7PML	G	G	C		
UDCKUH	G	G	C		
X76CHY	G	G	C		
XG4RLH	G	G	C	-	-
YGYT6E	G	G	C		
YUDB74	G	G	C		
Z6YJVB	G	G	C		
ZUHVZC	G	G	C		

TABLE 6a - ITEM 3

Polymorphisms from Reference Sequence

	73.0	263.0	315.1	523.0	524.0
ITEM 3					
4N9N4W	G	G	C		
7X3UUZ	G	G	C		
8GT9TW	G	G	C INS		
9BNTX8	G	G	C		
C7KLZK	G	G	G		
FEK9HV	G	G	C		
G24KCW	G	G	C	-	-
G27BHE	G	G	C INS	A DEL	C DEL
HBAAVR	G	G	C		
JN3V2M	G	G	C		
JRUQE9	G	G	C		
NZQC84	G	G	C		
P42Q9E	G	G	C INS		
X76CHY	G	G	C		
XG4RLH	G	G	C		
YUDB74	G	G	C		

TABLE 6a - ITEM 4

Polymorphisms from Reference Sequence

	73.0	263.0	315.1	523.0	524.0
ITEM 4					
8GT9TW	G	G	C INS		
G27BHE	G	G	C INS	A DEL	C DEL
P42Q9E	G	G	C INS		
YUDB74	G	G	C		

Mitochondrial DNA - HVRII Results

TABLE 6b

Bases Sequenced: HVR II

WEBCODE	ITEM 1	ITEM 2	ITEM 3	ITEM 4
4N9N4W	35-409	35-409	35-409	NOT SEQ
64B2G7	73-340	73-340		
6ZBPL7	73-340	73-340		
7X3UUZ	39-368	39-368	41-365	
8GT9TW	1-576	1-576	35-369	35-369
8H3D97	73-350	73-350		
9BNTX8	39-368	39-368	39-368	
C7KLZK	49-402	49-402	49-402	not tested
CHPBN3	73-340	73-340		
FEK9HV	48-396	48-396	48-396	
G24KCW	1-616	1-616	1-616	
G27BHE	1-576	1-576	1-576	1-576
GFNZFV	73-340	73-340		
HBAAVR	49-402	49-402	49-402	not tested
HND7RT	73-340	73-340		
JN3V2M	49-402	49-402	49-402	not tested*
JRUQE9	73-340	73-340	73-340	
N64WEP	73-340	73-340		
NZQC84				
P42Q9E	1-576	1-576	35-464	35-464
PRA3HL	73-340	73-340		
TU7PML	73-340	73-340		
UDCKUH	73-340	73-340		
X76CHY	1-408	1-408	1-408	
XG4RLH	1-616	1-616	49-408	
YGYT6E	73-340	73-340		
YUDB74	49-407	49-407	49-407	49-402
Z6YJVB	73-340	73-340		
ZUHVZC	73-340	73-340		

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	<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
22LLAE	Yes	Yes	No	No	3EDFN8	Yes	Yes	No	No
236DP4	Yes	Yes	No	No	3FTUX3	Yes	Yes	No	No
23YACQ	Yes	Yes	No	No	3GCM9C	Yes	Yes	No	No
26KFGV	Yes	Yes	No	No	3JXUMK	Yes	Yes	No	No
27X8NY	Yes	Yes	No	No	3JZY8H	Yes	Yes	No	No
28PPWR	Yes	Yes	No	No	3L9J7W	Yes	Yes	No	No
2F67VT	Yes	Yes	No	No	3P26U8	Yes	Yes	No	No
2FJKBP	Yes	Yes	No	No	3P2DFC	Yes	Yes	No	No
2JMFWD	Yes	Yes	No	No	3PMCYB	Yes	Yes	No	No
2KXFWE	Yes	Yes	No	No	3QEX8M	Yes	Yes	No	No
2MMQQT	Yes	Yes	No	No	3RFZLC	Yes	Yes	No	No
2NDP7C	Yes	Yes	No	No	3RRZGL	Yes	Yes	No	No
2PQZMB	Yes	Yes	No	No	3T4L7M	Yes	Yes	No	No
2TTDNN	Yes	Yes	No	No	3Z4FAA	Yes	Yes	No	No
2XZH69	Yes	Yes	No	No	43MC86	Yes	Yes	No	No
2YAGAQ	Yes	Yes	No	No	43RRJK	Yes	Yes	No	No
32GXGL	Yes	Yes	No	No	44JQY4	Yes	Yes	No	No
32WWGH	Yes	Yes	No	No	46AQJF	Yes	Yes	No	No
344VDQ	Yes	Yes	No	No	46DEDT	Yes	Yes	No	No
34FEC3	Yes	Yes	No	No	472NQM	Yes	Yes	No	No
37V2H3	Yes	Yes	No	No	47BE7L	Yes	Yes	No	No
3CUJ6M	Yes	Yes	No	No	4B6LW2	Yes	Yes	No	No
3CWYNF	Yes	Yes	No	No	4D4J6N	Yes	Yes	No	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
4EHJ8V	Yes	Yes	No	No	6RYMMJ	Yes	Yes	No	No
4LMTNJ	Yes	Yes	No	No	6U7VZB	Yes	Yes	No	No
4N9N4W	Yes	Yes	No	No	6UABDB	Yes	Yes	No	No
4RAF32	Yes	Yes	No	No	6UK7Q3	Yes	Yes	No	No
4V4AZ3	Yes	Yes	No	No	6ZBPL7	Yes	Yes	No	No
4XGADK	Yes	Yes	No	No	6ZDD9B	Yes	Yes	No	No
63BEPF	Yes	Yes	No	No	76NPYB	Yes	Yes	No	No
64B2G7	Yes	Yes	No	No	77BK6P	Yes	Yes	No	No
64CP4B	Yes	Yes	No	No	789LFN	Yes	Yes	No	No
64H9EE	Yes	Yes	No	No	793CJG	Yes	Yes	No	No
66B7MK	Yes	Yes	No	No	79JN2M	Yes	Yes	No	No
678GLU	Yes	Yes	No	No	7AJ839	Yes	Yes	No	No
6AEXB4	Yes	Yes	No	No	7AW8ZX	Yes	Yes	No	No
6BRCWR	Yes	Yes	No	No	7B4JGZ	Yes	Yes	No	No
6D2TBW	Yes	Yes	No	No	7BCA3Q	Yes	Yes	No	No
6EHYX2	Yes	Yes	No	No	7CQ968	Yes	Yes	No	No
6FBW78	Yes	Yes	No	No	7G2HC4	No Interpretations Reported, DNA Analyzed for Database purposes only.			
6FM434	Yes	Yes	No	No	7KNRRW	Yes	Yes	No	No
6K8T4U	Yes	Yes	No	No	7KWT9H	Yes	Yes	No	No
6LF6LV	Yes	Yes	No	No	7KXFVN	Yes	Yes	No	No
6N6J4D	Yes	Yes	No	No	7LTPUC	Yes	Yes	No	No
6NLQCG	Yes	Yes	No	No	7NJNBV	Yes	Yes	No	No
6PWGCK	Yes	Yes	No	No	7NKZWL	Yes	Yes	No	No
6PY6YQ	Yes	Yes	No	No	7NLDGE	Yes	Yes	No	No
6QNPBN	Yes	Yes	No	No	7PF9XV	Yes	Yes	No	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
7U8B4F	Yes	Yes	No	No	8NYC6V	Yes	Yes	No	No
7UL2P6	Yes	Yes	No	No	8REYN8	Yes	Yes	No	No
7X3UUZ	Yes	Yes	No	No	8RXAEH	Yes	Yes	No	No
7YWHYN	Yes	Yes	No	No	8UXMUU	Yes	Yes	No	No
82GTMK	Yes	Yes	No	No	8VR9P7	Yes	Yes	No	No
83Y4XR	Yes	Yes	No	No	8WDKMK	Yes	Yes	No	No
84R4NB	Yes	Yes	No	No	8X3QMM	Yes	Yes	No	No
87CH8Y	Yes	Yes	No	No	8YX6EM	Yes	Yes	No	No
89763B	Yes	Yes	No	No	8YZT2R	Yes	Yes	No	No
89PGYF	Yes	Yes	No	No	92R7D2	Yes	Yes	No	No
89ZMPP	Yes	Yes	No	No	97EZUG	Yes	Yes	No	No
8ATY9Q	Yes	Yes	No	No	9BNTX8	Yes	Yes	No	No
8C3XUK	Yes	Yes	No	No	9ELG73	Yes	Yes	No	No
8DBZUX	Yes	Yes	No	No	9EQCVK	Yes	Yes	No	No
8DC6WD	Yes	Yes	No	No	9GBFTD	Yes	Yes	No	No
8FJ6ED	Yes	Yes	No	No	9HKLX2	No Interpretations Reported, DNA Analyzed for Database purposes only.			
8GT9TW	Yes	Yes	No	No	9L4C3G	Yes	Yes	No	No
8H3D97	Yes	Yes	No	No	9MX2KC	Yes	Yes	No	No
8H42UQ	Yes	Yes	No	No	9RC9VC	Yes	Yes	No	No
8HM3HE	Yes	Yes	No	No	9T474J	Yes	Yes	No	No
8HQ7AP	Yes	Yes	No	No	9T6WHE	Yes	Yes	No	No
8HT6JK	Yes	Yes	No	No	9UXHVH	Yes	Yes	No	No
8JL4QR	Yes	Yes	No	No	9X47TF	Yes	Yes	No	No
8KCCQU	Yes	Yes	No	No	9ZFCTU	Yes	Yes	No	No
8NCMLU	Yes	Yes	No	No	A2QJPV	Yes	Yes	No	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
A2V2LY	Yes	Yes	No	No	B24P9H	Yes	Yes	No	No
A3T3UC	Yes	Yes	No	No	B2P8HJ	No Interp	No Interp	No Interp	No Interp
A4W2NR	Yes	Yes	No	No	B3XB4U	Yes	Yes	No	No
A69PEJ	Yes	Yes	No	No	B6UQM8	Yes	Yes	No	No
A8HMXR	Yes	Yes	No	No	B8FL3K	Yes	Yes	No	No
A8XXLY	Yes	Yes	No	No	B96WVX	Yes	Yes	No	No
ACCL9G	Yes	Yes	No	No	BA994N	Yes	Yes	No	No
ACTBGF	Yes	Yes	No	No	BAJ8YX	Yes	Yes	No	No
ACYDGM	Yes	Yes	No	No	BBDTUA	Yes	Yes	No	No
AD8ZYF	Yes	Yes	No	No	BGHNLW	Yes	Yes	No	No
AE3HJ9	Yes	Yes	No	No	BJEFXN	Yes	Yes	No	No
AEMWA8	Yes	Yes	No	No	BKJPNE	Yes	Yes	No	No
AKP27X	Yes	Yes	No	No	BN3MC6	Yes	Yes	No	No
AKUFGD	Yes	Yes	No	No	BPQ8UU	Yes	Yes	No	No
ALKLTW	Yes	Yes	No	No	BQNKF2	Yes	Yes	No	No
ANMLTU	Yes	Yes	No	No	BTFKNX	Yes	Yes	No	No
AQEDRZ	Yes	Yes	No	No	BTHVG2	Yes	Yes	No	No
ATK2MB	No Interpretations Reported, DNA Analyzed for Database purposes only.				BURVJM	Yes	Yes	No	No
AUE9PH	Yes	Yes	No	No	BV66WU	Yes	Yes	No	No
AV7KA9	Yes	Yes	No	No	BWY6ND	Yes	Yes	No	No
AVABUQ	Yes	Yes	No	No	BWZTBH	Yes	Yes	No	No
AVLNX9	Yes	Yes	No	No	BXQA7C	Yes	Yes	No	No
AWGARZ	Yes	Yes	No	No	BZCFNG	Yes	Yes	No	No
AXBW7P	Yes	Yes	No	No	C2LQW7	Yes	Yes	No	No
AXT7W6	Yes	Yes	No	No	C2MJVE	Yes	Yes	No	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
C3HQBP	Yes	Yes	No	No	DDH6MV	Yes	Yes	No	No
C4VDT4	Yes	Yes	No	No	DE8GDN	Yes	Yes	No	No
C7KLZK	Yes	Yes	No	No	DFY3Y6	Yes	Yes	No	No
CAJXVK	Yes	Yes	No	No	DGRFKQ	Yes	Yes	No	No
CFL4BM	Yes	Yes	No	No	DNATJP	Yes	Yes	No	No
CHPBN3	Yes	Yes	No	No	DNRWZ3	Yes	Yes	No	No
CHUP24	Yes	Yes	No	No	DNYW7X	Yes	Yes	No	No
CHW4D9	Yes	Yes	No	No	DR94FP	Yes	Yes	No	No
CJ96GP	Yes	Yes	No	No	DTM6HW	Yes	Yes	No	No
CJAVPT	No Interp	No Interp	No Interp	No Interp	DUQK3A	Yes	Yes	No	No
CJYF2Q	Yes	Yes	No	No	DVY8L4	Yes	Yes	No	No
CLDNNX	Yes	Yes	No	No	DYAB36	Yes	Yes	No	No
CMA297	Yes	Yes	No	No	DYTCP8	Yes	Yes	No	No
CPBADF	Yes	Yes	No	No	DZNXHY	Yes	Yes	No	No
CRHM29	Yes	Yes	No	No	DZQ62Y	Yes	Yes	No	No
CVJ74N	Yes	Yes	No	No	E2HFDD	Yes	Yes	No	No
CVLVB7	Yes	Yes	No	No	E3TNJM	Yes	Yes	No	No
CWAWZA	Yes	Yes	No	No	E4Z22N	Yes	Yes	No	No
CWECFV	Yes	Yes	No	No	E4KX4M	Yes	Yes	No	No
CX9XB8	Yes	Yes	No	No	E4ZCDH	Yes	Yes	No	No
CYJ8CX	No Interp	No Interp	No Interp	No Interp	E6ZMTZ	Yes	Yes	No	No
CYUV9C	Yes	Yes	No	No	E8MPK2	Yes	Yes	No	No
D2HLXN	Yes	Yes	No	No	E9J7PB	Yes	Yes	No	No
D6J7ZT	Yes	Yes	No	No	E9XURX	Yes	Yes	No	No
D6X8GU	Yes	Yes	No	No	EA74MF	Yes	Yes	No	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
ECW33Y	Yes	Yes	No	No	F9YF6A	Yes	Yes	No	No
ECW6R4	Yes	Yes	No	No	FC94H7	Yes	Yes	No	No
ECYTAH	Yes	Yes	No	No	FD6FHF	Yes	Yes	No	No
EDN2GX	Yes	Yes	No	No	FE3G9B	Yes	Yes	No	No
EFWEYY	Yes	Yes	No	No	FEHRWH	Yes	Yes	No	No
EFYUJD	Yes	Yes	No	No	FEK9HV	Yes	No Interp	No	No Interp
EGFG8E	Yes	Yes	No	No	FEXGAP	Yes	Yes	No	No
EJLWLX	Yes	Yes	No	No	FGMPG6	Yes	Yes	No	No
EKU327	Yes	Yes	No	No	FHFNPC	Yes	Yes	No	No
EMH3ZW	Yes	Yes	No	No	FJFE48	Yes	Yes	No	No
ENEYLQ	Yes	Yes	No	No	FKMLX6	Yes	Yes	No	No
EP4XFA	Yes	Yes	No	No	FLNPZB	Yes	Yes	No	No
EPHH4D	Yes	Yes	No	No	FLZL4U	Yes	Yes	No	No
EQRCXT	Yes	Yes	No	No	FM78KF	Yes	Yes	No	No
ER8TWR	No Interpretations Reported, DNA Analyzed for Database purposes only.				FMCXQJ	Yes	Yes	No	No
ERAAH6	Yes	Yes	No	No	FMDKDN	Yes	Yes	No	No
ERAU36	Yes	Yes	No	No	FMGM9H	Yes	Yes	No	No
EUK6BN	Yes	Yes	No	No	FPF8M2	Yes	Yes	No	No
EVQU6K	Yes	Yes	No	No	FRKHZ4	Yes	Yes	No	No
EVTGQ6	Yes	Yes	No	No	FV4W46	Yes	Yes	No	No
EVW8WM	Yes	Yes	No	No	FWFH37	Yes	Yes	No	No
F2BRA6	Yes	Yes	No	No	FY2BVZ	Yes	Yes	No	No
F3TZNU	Yes	Yes	No	No	G24KCW	Yes	Yes	No	No
F4EYP6	Yes	Yes	No	No	G269Y2	Yes	Yes	No	No
F748WL	Yes	Yes	No	No	G27BHE	Yes	Yes	No	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
G32RV2	Yes	Yes	No	No	GXNYTP	Yes	Yes	No	No
G34H3J	Yes	Yes	No	No	GY2QK7	Yes	Yes	No	No
G4HEH3	Yes	Yes	No	No	H29PVK	Yes	Yes	No	No
G4J6R7	Yes	Yes	No	No	H6PJKD	Yes	Yes	No	No
G68QBG	Yes	Yes	No	No	H7CGHH	Yes	Yes	No	No
G6QMP3	Yes	Yes	No	No	H876W7	Yes	Yes	No	No
G9AJDR	Yes	Yes	No	No	H92HM7	Yes	Yes	No	No
GA2YPH	Yes	Yes	No	No	HA2G7E	Yes	Yes	No	No
GAZB2D	Yes	Yes	No	No	HBAAVR	Yes	No Interp	No	No Interp
GDK8NH	Yes	Yes	No	No	HBN3QN	Yes	Yes	No	No
GDKRJ4	Yes	Yes	No	No	HBUECY	Yes	Yes	No	No
GEJCFX	Yes	Yes	No	No	HC6WAG	Yes	Yes	No	No
GFNZFV	Yes	Yes	No	No	HEC7M8	Yes	Yes	No	No
GJCDER	Yes	Yes	No	No	HGECZM	Yes	Yes	No	No
GMCAVQ	Yes	Yes	No	No	HGW23K	Yes	Yes	No	No
GN6FG7	Yes	Yes	No	No	HHTD3U	Yes	Yes	No	No
GPWNF9	Yes	Yes	No	No	HMPYX3	Yes	Yes	No	No
GPXC4E	Yes	Yes	No	No	HND7RT	Yes	Yes	No	No
GRH8JR	Yes	Yes	No	No	HQ7XYX	Yes	Yes	No	No
GRMMWT	Yes	Yes	No	No	HQQH7Q	No Interp	No Interp	No Interp	No Interp
GRZJYC	Yes	Yes	No	No	HVZX9M	Yes	Yes	No	No
GTE8WB	Yes	Yes	No	No	HXJ78M	Yes	Yes	No	No
GUDHH7	Yes	Yes	No	No	HYGQEZ	Yes	Yes	No	No
GV2D9E	No Interp	No Interp	No Interp	No Interp	J2NAYU	Yes	Yes	No	No
GVYPKA	Yes	Yes	No	No	J7YXJ7	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
J88A28	Yes	Yes	No	No	K9F3QK	Yes	Yes	No	No
J8TJEH	Yes	Yes	No	No	K9GVNT	Yes	Yes	No	No
J9Z2BT	Yes	Yes	No	No	KE96XQ	Yes	Yes	No	No
JAEV4T	Yes	Yes	No	No	KFEURM	Yes	Yes	No	No
JAHD7X	Yes	Yes	No	No	KGE3CM	No Interp	No Interp	No Interp	No Interp
JAYYU2	Yes	Yes	No	No	KJVLWH	Yes	Yes	No	No
JB9U6C	Yes	Yes	No	No	KMZKKA	Yes	Yes	No	No
JBUM76	Yes	Yes	No	No	KQD694	Yes	Yes	No	No
JCWRBC	Yes	Yes	No	No	KQTFWB	Yes	Yes	No	No
JEBE9C	Yes	Yes	No	No	KR4D88	Yes	Yes	No	No
JHMMAG	Yes	Yes	No	No	KUTNZL	No Interpretations Reported, DNA Analyzed for Database purposes only.			
JJZKL8	Yes	Yes	No	No	KUUCNQ	Yes	Yes	No	No
JN3V2M	Yes	Yes	No	No	KVCY6Q	Yes	Yes	No	No
JPBZGW	Yes	Yes	No	No	KW4EH3	Yes	Yes	No	No
JQMC78	Yes	Yes	No	No	KX29C8	Yes	Yes	No	No
JRUQE9	Yes	Yes	No	No	KXBLV4	Yes	Yes	No	No
JRZANC	Yes	Yes	No	No	KXJ28P	Yes	Yes	No	No
JTLUX9	Yes	Yes	No	No	KZHYGB	Yes	Yes	No	No
JTNHJT	Yes	Yes	No	No	L3NBXH	Yes	Yes	No	No
JTQ6XL	Yes	Yes	No	No	L3NWB4	Yes	Yes	No	No
JY3EK3	Yes	Yes	No	No	L3QJU4	Yes	Yes	No	No
JYRDAF	Yes	Yes	No	No	L4CGR9	Yes	Yes	No	No
JYZPEJ	Yes	Yes	No	No	L6WWNX	Yes	Yes	No	No
K42V62	Yes	Yes	No	No	L8VEDD	Yes	Yes	No	No
K8QUH6	Yes	Yes	No	No	L9UELQ	Yes	Yes	No	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
L9ULWH	Yes	Yes	No	No	MEBB3K	Yes	Yes	No	No
LA672L	Yes	Yes	No	No	MHBJ7V	Yes	Yes	No	No
LCUQHQ	Yes	Yes	No	No	MK2T9A	Yes	Yes	No	No
LD89P3	Yes	Yes	No	No	MKZWND	Yes	Yes	No	No
LDAE6H	Yes	Yes	No	No	MN27RR	Yes	Yes	No	No
LDQ2GY	Yes	Yes	No	No	MQC8AY	Yes	Yes	No	No
LE2UKE	Yes	Yes	No	No	MTBDZJ	No Interpretations Reported, DNA Analyzed for Database purposes only.			
LE63J7	Yes	Yes	No	No	MUCVUA	Yes	Yes	No	No
LEY6CB	Yes	Yes	No	No	MXTDT7	Yes	Yes	No	No
LFQEWC	Yes	Yes	No	No	MZE99J	Yes	Yes	No	No
LMHWWN	No Interpretations Reported, DNA Analyzed for Database purposes only.				N26JTK	No Interpretations Reported, DNA Analyzed for Database purposes only.			
LN2UMK	Yes	Yes	No	No	N2MPY3	Yes	Yes	No	No
LNQYRY	Yes	Yes	No	No	N3C2RG	Yes	Yes	No	No
LRH238	Yes	Yes	No	No	N3JJVR	Yes	Yes	No	No
LT2VVU	Yes	Yes	No	No	N4DPFL	Yes	Yes	No	No
LTLXY3	Yes	Yes	No	No	N4M3DF	Yes	Yes	No	No
LVB88J	Yes	Yes	No	No	N4UJWT	Yes	Yes	No	No
LVLU3X	Yes	Yes	No	No	N4VMZY	Yes	Yes	No	No
LWC34L	No Interpretations Reported, DNA Analyzed for Database purposes only.				N64WEP	Yes	No Interp	No	No
LY94HQ	Yes	Yes	No	No	N6NK87	Yes	Yes	No	No
LZ8QB3	Yes	Yes	No	No	N7M9JU	Yes	Yes	No	No
M37ZMB	Yes	Yes	No	No	N9CGQB	Yes	Yes	No	No
M4HBN2	Yes	Yes	No	No	NAFEVC	Yes	Yes	No	No
MC9FBV	Yes	Yes	No	No	NALQGM	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
NDW9Q7	Yes	Yes	No	No	PCNGB3	Yes	Yes	No	No
NF84JP	Yes	Yes	No	No	PE9DQF	Yes	Yes	No	No
NF9G2W	Yes	Yes	No	No	PF4LP4	Yes	Yes	No	No
NFMZNE	Yes	Yes	No	No	PGH28C	Yes	Yes	No	No
NFN7E6	Yes	Yes	No	No	PGUK6M	Yes	Yes	No	No
NHA2UH	Yes	Yes	No	No	PHXZQ2	Yes	Yes	No	No
NKKY8Y	Yes	Yes	No	No	PJLJL	Yes	Yes	No	No
NL3GPH	Yes	Yes	No	No	PK9WN6	Yes	Yes	No	No
NMNUMV	Yes	Yes	No	No	PMMHZ7	Yes	Yes	No	No
NPAGG4	Yes	Yes	No	No	PRA3HL	Yes	Yes	No	No
NPC4YH	Yes	Yes	No	No	PW8MDH	Yes	Yes	No	No
NRVCXH	Yes	Yes	No	No	PYDZAY	Yes	Yes	No	No
NTE62Z	Yes	Yes	No	No	PZPK9Z	Yes	Yes	No	No
NWU697	Yes	Yes	No	No	Q227RF	Yes	Yes	No	No
NXRP72	Yes	Yes	No	No	Q2JQC6	Yes	Yes	No	No
NZER4E	Yes	Yes	No	No	Q2TW99	Yes	Yes	No	No
NZQC84	Yes	Yes	No	No	Q2XP73	Yes	Yes	No	No
NZURQV	Yes	Yes	No	No	Q3TVHA	Yes	Yes	No	No
P2KB8M	Yes	Yes	No	No	Q3U4W2	Yes	Yes	No	No
P2XU7Y	Yes	Yes	No	No	Q4PNKZ	Yes	Yes	No	No
P42Q9E	Yes	Yes	No	No	Q7RBVX	Yes	Yes	No	No
P6L87V	Yes	Yes	No	No	Q82E82	Yes	Yes	No	No
PB6V3J	Yes	Yes	No	No	QAB48Q	Yes	Yes	No	No
PC44YP	Yes	Yes	No	No	QB234G	Yes	Yes	No	No
PCGDHJ	Yes	Yes	No	No	QBX7D7	Yes	Yes	No	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
QDPXUP	Yes	Yes	No	No	RLFTC7	Yes	Yes	No	No
QKMMBU	Yes	Yes	No	No	RM74X8	Yes	Yes	No	No
QL282J	Yes	Yes	No	No	RMQVY6	Yes	Yes	No	No
QLPWHY	Yes	Yes	No	No	RN9HY8	No Interp	No Interp	No Interp	No Interp
QMWWF9	Yes	Yes	No	No	RNN48N	Yes	Yes	No	No
QNBHD8	Yes	Yes	No	No	RNZPTJ	Yes	Yes	No	No
QPJEG7	Yes	Yes	No	No	RPBREH	Yes	Yes	No	No
QPYKUA	Yes	Yes	No	No	RT2Q2T	Yes	Yes	No	No
QRB7VW	Yes	Yes	No	No	RY4Z7Z	Yes	Yes	No	No
QT8U2Y	Yes	Yes	No	No	RZZWRU	Yes	Yes	No	No
QUH43P	Yes	Yes	No	No	T2P72G	Yes	Yes	No	No
QUYRA7	Yes	Yes	No	No	T38GBN	Yes	Yes	No	No
QVW4AF	Yes	Yes	No	No	T6AD2H	Yes	Yes	No	No
QWHN2C	Yes	Yes	No	No	T6QZ6D	Yes	Yes	No	No
QWN2GL	Yes	Yes	No	No	T74RZF	Yes	Yes	No	No
QYQ2GJ	Yes	Yes	No	No	T7JYDK	Yes	Yes	No	No
R3AWW2	Yes	Yes	No	No	T7QYL2	Yes	Yes	No	No
R4MFVD	Yes	Yes	No	No	T8CWJ7	Yes	Yes	No	No
R4Y9PF	Yes	Yes	No	No	T8YK38	Yes	Yes	No	No
R829PC	Yes	Yes	No	No	T936MF	No Interpretations Reported, DNA Analyzed for Database purposes only.			
RC6M6G	Yes	Yes	No	No	TCBL8B	No Interpretations Reported, DNA Analyzed for Database purposes only.			
RCUDGV	Yes	Yes	No	No	TFRWEM	Yes	Yes	No	No
RD2WH8	Yes	Yes	No	No	TH2Y9Y	Yes	Yes	No	No
RFFWKE	Yes	Yes	No	No	TMP6JA	Yes	Yes	No	No
RL2HGL	Yes	Yes	No	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
TMWNWX	Yes	Yes	No	No	UM9RVH	Yes	Yes	No	No
TNKUYN	Yes	Yes	No	No	UNHRX4	Yes	Yes	No	No
TRHDWG	Yes	Yes	No	No	UTEEVX	Yes	Yes	No	No
TRWZY4	Yes	Yes	No	No	UTP2PR	Yes	Yes	No	No
TTDZ9K	Yes	Yes	No	No	UTXKT3	Yes	Yes	No	No
TTU28F	Yes	Yes	No	No	UU9BVR	Yes	Yes	No	No
TU7PML	Yes	Yes	No	No	V3HVW3	Yes	Yes	No	No
TUNPQB	Yes	Yes	No	No	V89XG9	Yes	Yes	No	No
TWEYRP	Yes	Yes	No	No	V9K8RZ	Yes	Yes	No	No
TWXD88	Yes	Yes	No	No	VB8FLF	Yes	No Interp	No	No
TXN8HC	Yes	Yes	No	No	V CJ2CH	Yes	Yes	No	No
TYK9WF	Yes	Yes	No	No	VCKUAP	Yes	Yes	No	No
TZFWB6	Yes	Yes	No	No	VJL798	Yes	Yes	No	No
U3KXWN	Yes	Yes	No	No	VKUHMN	Yes	Yes	No	No
U68JJJ	Yes	Yes	No	No	VLCTXV	Yes	Yes	No	No
U94C99	No Interp	No Interp	No Interp	No Interp	VMKH48	Yes	Yes	No	No
UACEB7	Yes	Yes	No	No	VNTVPF	Yes	Yes	No	No
UC7TM9	Yes	Yes	No	No	VNXFT4	Yes	Yes	No	No
UDCKUH	Yes	Yes	No	No	VP2ZU4	Yes	Yes	No	No
UDULH7	Yes	Yes	No	No	VPB8LK	Yes	Yes	No	No
UGYNQ2	Yes	Yes	No	No	VQ3R3X	Yes	Yes	No	No
UKL8RY	Yes	Yes	No	No	VQYDEB	Yes	Yes	No	No
UKU4XH	Yes	Yes	No	No	VTQJIM	Yes	Yes	No	No
ULUHQN	Yes	Yes	No	No	VUZ4DB	Yes	Yes	No	No
UM4KCM	Yes	Yes	No	No	VW7AMW	Yes	Yes	No	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
VYXKP6	Yes	Yes	No	No	X9E2EH	Yes	Yes	No	No
W2DH8R	Yes	Yes	No	No	XCEZFE	Yes	Yes	No	No
W9G2RG	Yes	Yes	No	No	XCF69P	Yes	Yes	No	No
WCXG4U	Yes	Yes	No	No	XDNRPV	Yes	Yes	No	No
WEAYJT	Yes	Yes	No	No	XEKYL2	Yes	Yes	No	No
WG6J2D	Yes	Yes	No	No	XEZ2N3	Yes	Yes	No	No
WLJ6ZC	Yes	Yes	No	No	XG4RLH	Yes	No Interp	No	No Interp
WMYUAW	Yes	Yes	No	No	XH4UNT	Yes	Yes	No	No
WN432M	Yes	Yes	No	No	XHZAWJ	Yes	Yes	No	No
WN8PFF	Yes	Yes	No	No	XLPWQD	Yes	Yes	No	No
WQTC94	Yes	Yes	No	No	XMG32C	Yes	Yes	No	No
WRRGZJ	Yes	Yes	No	No	XQAUZF	Yes	Yes	No	No
WTZMBY	Yes	Yes	No	No	XRJWEY	Yes	Yes	No	No
WU3NJW	Yes	Yes	No	No	XTK44R	Yes	Yes	No	No
WUXNLW	Yes	Yes	No	No	XUX7YL	Yes	Yes	No	No
WVRZCB	Yes	Yes	No	No	XVB7AF	Yes	Yes	No	No
WWF74F	Yes	Yes	No	No	XVLR LG	Yes	Yes	No	No
WX26PY	Yes	Yes	No	No	XYNM6K	Yes	Yes	No	No
WYQXLW	Yes	Yes	No	No	XYYK8F	Yes	Yes	No	No
WZ6XPP	Yes	Yes	No	No	XZGHUD	Yes	Yes	No	No
X2PMD4	Yes	Yes	No	No	XZKVLG	Yes	Yes	No	No
X3QGB2	Yes	Yes	No	No	XZZ9UL	Yes	Yes	No	No
X4W6BY	Yes	Yes	No	No	Y728HF	Yes	Yes	No	No
X76CHY	Yes	Yes	No	No	Y8UCEE	Yes	Yes	No	No
X7PR82	Yes	Yes	No	No	Y97N4Q	Yes	Yes	No	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
Y9XTZT	Yes	Yes	No	No	ZJ3X3Z	Yes	Yes	No	No
YCRBYY	Yes	Yes	No	No	ZJ8UQH	Yes	Yes	No	No
YD69G4	Yes	Yes	No	No	ZKFQW2	Yes	Yes	No	No
YFANJM	Yes	Yes	No	No	ZLCUW4	Yes	Yes	No	No
YFPA7N	Yes	Yes	No	No	ZLPQYN	Yes	Yes	No	No
YGYT6E	Yes	Yes	No	No	ZLUDU2	Yes	Yes	No	No
YJCUA8	Yes	Yes	No	No	ZLZHDK	Yes	Yes	No	No
YLBQJT	Yes	Yes	No	No	ZPCA37	Yes	Yes	No	No
YLXF3U	Yes	Yes	No	No	ZQZMKP	Yes	Yes	No	No
YN3QYC	Yes	Yes	No	No	ZUHVZC	Yes	Yes	No	No
YNZ3C8	No Interpretations Reported, DNA Analyzed for Database purposes only.				ZWWPA4	Yes	Yes	No	No
YTDZNZ	Yes	Yes	No	No	ZX3QVG	Yes	Yes	No	No
YUDB74	Yes	Yes	No	No	ZXT2RP	Yes	Yes	No	No
YZATZZ	Yes	Yes	No	No	ZY388Y	Yes	Yes	No	No
Z3ELRE	Yes	Yes	No	No	ZYK3RL	Yes	Yes	No	No
Z6LEMJ	Yes	Yes	No	No	ZZVN4N	Yes	Yes	No	No
Z6YJVB	Yes	Yes	No	No	ZZWCRT	Yes	Yes	No	No
Z7HZC4	Yes	Yes	No	No					
Z8CPGW	Yes	Yes	No	No					
Z9RC88	Yes	Yes	No	No					
ZCJXHG	Yes	Yes	No	No					
ZDF9HP	Yes	Yes	No	No					
ZFP3QW	Yes	Yes	No	No					
ZH8KBZ	Yes	Yes	No	No					
ZHGZ6U	Yes	Yes	No	No					

DNA Interpretation**Response Summary****Participants reporting DNA results: 689**

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

	Victim (Item 1)		Suspect (Item 2)	
	<u>Item 3</u>	<u>Item 4</u>	<u>Item 3</u>	<u>Item 4</u>
Yes	663	658	0	0
No	0	0	663	660
Inc	0	0	0	0
No Interpretation	10	15	10	13
No Response	4	4	4	4

Participants analyzing DNA for database purposes only: 12

Additional Comments

TABLE 8

WebCode	Additional Comments
23YACQ	NR = no result
26KFVG	Item 4-sp shows carry-over from 4-epi
2FJKBP	The probabilistic genotype software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
2JMFWD	Per laboratory interpretation guidelines, the "14" at D8S1179 and the "16.2" at D19S433 on item 1-4aEF and the "25" at D2S1338, the "17" at DYS458, and the "18" at DYS448 on item 1-4aSF were reported as possible minor alleles or DNA artifacts (elevated stutter, pull-up, etc.). Given item 1-4 was a mixed sample, these additional DNA types were conservatively included in the lab report and on the CTS form, but ultimately had no significant effect on the overall interpretation of results. The major, minor, and predominant profiles were used for comparison to reference samples.
2KXFE	Mitochondrial and Y-STR DNA testing are not performed in this laboratory. Reporting results with stutter filters on
2NDP7C	NR = No Result
2YAGAQ	DYS391 is reported as INC for all samples tested per laboratory policy. A mixture of DNA was obtained from Item 4, epithelial cell fraction. Any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons. 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.
3EDFN8	NR = No results
3JXUMK	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.
3P26U8	Item 3.0 tested negative for PSA/P30. Item 4.0 tested positive for PSA/P30. Serology testing was conducted to determine whether differential or non-differential extraction was required.
3PMCYB	"reporting results with stutter filters on". "Mitochondrial and Y-STR testing not performed in this laboratory"
3RRZGL	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.
3T4L7M	The probabilistic genotyping software, STRmix, was used for all DNA interpretation, where applicable.
46AQJF	Item 4epi shows carry-over from Item 4sperm

TABLE 8

WebCode	Additional Comments
66B7MK	The 11 allele at D8S1179 for Item 4 (substrate) is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software.
678GLU	-- Possible additional genetic information may be present.
68EFJ4	All relevant samples have been retained by the [City] Police Department as required by the Annotated Code of [State]. This report contains conclusions based on the interpretation and opinions of the below signed author; only serological analysis was performed. [Identifying information removed for anonymity purposes.] This test is accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI National Accreditation Board.
6FBW78	Mito and Ystr testing not performed at this lab. Reporting results with stutter filters on
6K8T4U	NR=No Results. Y-STR analysis not performed on Item 1.
6LF6LV	TK = Takayama. NR = No Result.
6N6J4D	Reporting STRmix results with stutter filters on.
6QNPBN	Extraction: Item 1, Item 2 and Item 4 were extracted using chelex method. Item 3 was extracted using Promega DNA IQ kit via TECAN FREEDOM EVO 150. Quantitation: Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Human Quantification Kit via QuantStudio 5. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using AMPFISTR Identifiler Plus Kit on 9700 GeneAmp PCR System. Item 2 and Item 4 were amplified using AMPFLSTR Y-File Kit on 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis for Identifiler Plus PCR products of Item 1, Item 2, Item 3 and Item 4 were carried out using Genetic Analyzer 3500xl. Electrophoresis for Yfiler PCR products of Item 2 and Item 4 were carried out using Genetic Analyzer 3130xl. Quality Control: Reagent blank, Positive Control and Negative Control were carried out through analysis and all gave intended results.
6UK7Q3	ITEM # 4 exhibits an elevated stutter at DYS456 in Yfiler.
789LFN	Data analyzed with stutter filters on
79JN2M	reporting results with stutter filters on
7AW8ZX	Items 3 and 4 were PSA tested to determine whether the samples should be sent differential or non-differential. Item 3 tested negative so it was taken forward as a non differential sample. Item 4 tested positive so it was taken as a differential sample. INC Inconclusive for the presence of alleles. --- No results.
7B4JGZ	Victim (Item 1) Item 4 yes relates to epithelial fraction
7DW7H4	Only serology testing was performed.
7KNRRW	Part I [Table 1: Serology Screening Results] screening test performed by forensic Biologist. Concordance at DYS391 locus between F6C and YF kits. NR: No Results
7KXFVN	In the DNA profile from item PT19-36-1e, there is a possible n+4/n-4 stutter at CSF1PO ~10.0%.
7NJNBV	Item 4-1e. Our laboratory does not interpret major or minor profiles at DYS391 and Yindel for the Globalfiler amplification kit.
7NLDGE	Items 3 and 4 were also analysed using the Minifiler STR profiling test. Results were concordant with the Identifiler DNA profiling results
7UL2P6	NR=No Results. **=possible elevated stutter.
7X3UUZ	Mitochondrial DNA testing was not performed on Item 4 because it is a mixture.

TABLE 8

WebCode	Additional Comments
7YWHYN	Fusion/Yfiler testing was performed on Items 1 - 4. Results were concordant at DYS391 for all tested items. NR = No results obtained
82GTMK	For Item 2 at the D8S1179 locus, a peak was labeled as a 13 allele that was consistent with n+4 elevated stutter (1.6%).
89PGYF	Fusion6C results at DYS391 concordant with YFiler. Fusion6C results concordant with loci shared with ID+.
8C3XUK	Item 4sp: locus D2S1338 - detected elevated n-4 stutter @ 15.7%
8CJZEE	Only screening performed.
8FJ6ED	carryover observed between fractions for Item 4 STRmix used with stutter filters for Item 4
8GT9TW	Concordance was confirmed between profiles generated using PowerPlex Fusion and MiniFiler kits.
8HQ7AP	#4 AP test inconclusive due to fabric color. -- Possible additional genetic information may be present. #4sp interpretation based upon victim (#1) as the minor contributor. Genotype of victim used to make determinations of presence or absence of possible additional genetic information.
8JL4QR	Peaks were observed for items 1, 3 and 4 that were interpreted as stutter and/or pull up.
8RF4AQ	DNA analysis was not performed. Analyst is only trained in Serology at this time.
8VR9P7	A PSA test was performed on items 3 and 4 to determine whether to extract the samples as differentials. However, this PSA test is not being used for serological proficiency purposes and was not reported in "Part I [Table 1]: Screening Tests".
8WDKMK	Y-STR analysis was not performed on Items 1 and 3 because no male DNA was detected using Quantifiler Trio.
8YX6EM	Stutter filters are established by the laboratory based on validation data and used to filter stutter during examiner analysis. Additionally, the laboratory utilizes a probabilistic genotyping software for data interpretation which models stutter during its probabilistic analysis of the data. Elevated stutter peaks which are above the stutter filters established by the laboratory during the validation may still occur but are handled probabilistically during interpretation by the software. The results for this test contains an elevated stutter peak which is being reported to the vendor as an additional comment but which has/have been modeled as stutter probabilistically during interpretation at the following locus: Item 4 - 25 allele at D2S1338.
8YZT2R	Note: STRmix was used only on the mixture obtained from the epithelial (e) cell fraction from sample 1-MAM4 corresponding to evidence item 4: questioned stain from victim's bedsheets.
97EZUG	The 25 allele at D2S1338 for Item 4 in the substrate fraction is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software.
9BNTX8	Item 4 is a mixture. Mitochondrial DNA sequence analysis is not conducted on mixture samples.
9L4C3G	The probabilistic genotyping software, STRmix, was used for DNA interpretation of Item 4e. All potential alleles considered during deconvolution have been reported. A possible null allele/primer binding site mutation was observed in Item 2 using the Investigator 24plex QS amplification kit. At D22S1045, only a 16 allele was detected above analytical threshold with this kit, and it was also above our stochastic threshold. A homozygote above stochastic threshold is suitable to report per our policy. However, the peak height was less than expected for a homozygote. Our policy also allows us to have a databasing analyst re-amplify the extract for reference standards with the Fusion 6C kit, and a 10,16 genotype was obtained but will not be reported.

TABLE 8

WebCode	Additional Comments
9RC9VC	4epi shows carryover from 4sp
9T6WHE	Item 1: Allele 18 removed from vWA, consistent with N+4 stutter, OL removed from amelogenin consistent with pull-up. Item 2: Allele 13 removed from D8S1179, consistent with N+4 stutter. Item 4(sp): Allele 25 at D2S1338 and allele 18 at vWA consistent with elevated stutter would be left in profile for STRmix to evaluate; however STRmix wasn't needed to interpret the sample
9UXHVH	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
A2T76N	Proficiency tested from serology through data analysis, demonstrating my skill to extent of my current training. Interpretation of the profiles not completed at this time because it is beyond my scope of authorization. Information filled out in CTS will not be performed past the data sheet for Item 4.
A4W2NR	NR = no DNA typing results at this locus.
A8XXLY	Item 3.1: left 13 @ D7. D7 does not have N+4, could be artifact. left as is since did not change my interpretation as a single source.
ACCL9G	Sample 4 sf: a 25 allele was observed at D2S1338 in an n-4 stutter position exceeding the stutter threshold. A 16 allele was observed at D8S1179 in an n+4 stutter position. These types are likely artifacts.
ACYDGM	ND = No DNA detected
AEMWA8	Per laboratory interpretation guidelines, the "11" allele at R_DYS438 on item Item 1-4aSF was reported as a possible minor allele or DNA artifact (i.e elevated stutter). This type was conservatively included in the lab report and on the CTS form, but had no significant effect on the overall interpretation of results. Only the predominant profile would be used for comparison. No conclusions would be made regarding this additional type.
AKUFGD	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.
ATK2MB	Item 4 MiniFiler results were concordant with Identifiler results where DNA sites tested were common.
AXT7W6	NR= No results
B24P9H	Extraction: Item 1, Item 2 and Item 3 were extracted using Chelex extraction. Item 4 was extracted using Chelex Differential Extraction. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Human DNA quantitation kit and carried out by 7500 Real Time PCR. Amplification: Amplification of STR on Item 1, Item 2, Item 3 and Item 4 was carried out by Thermal Cycler GeneAmp PCR System 9700 using Identifiler PLUS (ABI). Amplification of Y-STR on Item 2 and Item 4 was carried out by Thermal Cycler GeneAmp PCR System 9700 using Y-Filer(ABI). Electrophoresis: Electrophoresis process on for Item 1, Item 2, Item 3 and Item 4 were carried out by Genetic Analyser 3500xl. Quality Control: Reagent blank, positive control and negative control were carried out along with the analysis and all gave the intended results.
B2P8HJ	No analysis was performed on items 3 and 4. No comparisons were performed.
B96WVX	possible elevated stutter at DYS627 on item 4.1 non-sperm fraction (21 allele)
BJEFXN	Item 4 (sperm fraction) locus vWA: inconclusive '18' allele detected as possible high n-4 stutter or other genetic anomaly.

TABLE 8

WebCode	Additional Comments
BKJPNE	Item 4 sp at locus DYS635 is reported as inconclusive due to dropout of the allele. Item 4 was consumed during testing through four separate differential extractions. The allele at DYS635 was observed below the laboratory's analytical threshold (100 RFUs). The epithelial fraction for item 4 provided allele 23 at DYS635.
BPQ8UU	Items 1,2, and 4 are concordant in Fusion and YFiler. Item 3 is concordant in Fusion and MiniFiler. NR = no results.
BTHVG2	Conducted amplification and typing from Y-screen lysate for Item 3 only
BWY6ND	The positive HemaTrace result from the Item 3 stain and the Item 4 stain is indicative for the presence of human blood. This HemaTrace test may cross-react with ferret and higher primate blood. No male DNA was detected for Item 1 and Item 3.
BXQA7C	STRMIX used for the epithelial fraction of item 4. The estimated mixture ratio calculated was 79:21, with the victim included as a possible contributor to the 79% contribution.
C2MJVE	No information is written in the STR-Y amplification epithelial fraction of item 4, because STR-Y amplification was only performed on the sperm fraction.
C7KLZK	Mitochondrial DNA (mtDNA) testing was not performed on Item 4 due to the presence of semen. Per laboratory protocols, mtDNA testing is not performed on semen containing samples. The interpretation for Item 4 was based on STR and Y-STR results.
CFL4BM	Sample 1.4(NS) there is a peak in DYS576 @ 19 deemed inconclusive as high stutter
CHW4D9	STRmix was used to aid interpretation of mixture for Item 4E: Assumed number of contributors: 2 (estimated mixture ratio 82:18). Assumed contributor: Female Victim (82%). Exclusion: Male Suspect.
CJ96GP	The GlobalFiler STR data (with the exception of SE33 and D1S1656) reported on pages 5 and 6 [Table 2: STR Amplification Kit(s) & Results] are based upon an interpretation using STRmix, a probabilistic genotyping software program. Because this software may incorporate stutter peaks into the interpretation, STRmix results for the non-sperm fraction of item 4 include peaks that would have been filtered under a conventional analysis paradigm. This includes: VWA (18 allele), D16S539 (11 allele), TPOX (7 allele), D21S11 (28 allele), & D22S1045 (17 allele). Such results are expected to enhance the ability of the analyst to make accurate inclusionary or exclusionary statements. Due to the limitations of the report format, the relative probabilities of the different genotypes cannot be captured. Therefore, this report includes all possible alleles for all interpreted genotypes.
CJAVPT	Items 1 and 2 were processed to obtain a DNA profile. No interpretation was performed.
CLUCUC	Part 1 [Table 1]: Screening Tests - Performed only
CPBADF	* Item 2 (Fusion) - locus FGA has an elevated n-4 stutter peak typed as (26). * Item 3 (Fusion) - the following loci have typed artifacts; locus D3S1358(9 pull-up), locus D18S51 (12 noisy baseline), locus D21S11 (28.2 pull-up), locus D12S391 (19 pull-up); artifacts present due to sample appearing over-amped. * Item 4sp (Fusion) - locus D12S391 has an elevated n+4 stutter peak typed as (20). *Item 4sp (Y23) - locus DYS458 has an elevated n+4 stutter peak typed as (17).
CUTX3Y	Y-Screening Results: Male DNA was not indicated on item 3. Possible male DNA was indicated on item 4. DNA Analysis was not conducted.
CWAWZA	Carryover from 4sp in 4epi.
CYJ8CX	The DNA analyst is only proficient in extraction and analysis of known standards; therefore, only the profiles for items 1 and 2 were developed.

TABLE 8

WebCode	Additional Comments
DDH6MV	STRmix probabilistic genotyping software was used to aid in the determination of genotype combinations. No stutter filters are applied when using this software and it is acknowledged that some stutter peaks can be recognized as true peaks.
DE8GDN	The GlobalFiler STR data reported at locus D8S1179 for Item 4e is based upon a binary mixture interpretation which included a peak in the "11" position. The 11 allele was originally filtered as stutter but included in the mixture interpretation as a possible allele, resulting in 11,15, 12,15, 13,15 and 15,15 as possible genotypes for one of the contributors. Therefore, the 11 allele is included in the table [Table 2: STR Amplification Kit(s) & Results] on page 6.
DHPMTA	Samples not forwarded to DNA. Items tested for screening purposes only.
DUQK3A	Mixture obtained for sample 4NS with proportions 64:36 - STRmix used
E2HFDD	NR = No results
E4KX4M	NR = no results, - = Not tested
E6ZMTZ	Reporting results with stutter filters on. This lab does not perform mitochondrial or Y-STR DNA testing.
E9XURX	PSA testing was performed on Item 3.0 and Item 4.0 to determine whether the questioned samples needed to be processed as differential or non-differential extractions. PSA results were negative for Item 3.0 and positive for Item 4.0.
ECW33Y	Extraction: Item 1, Item 2 and Item 4 were extracted using chelex method. Item 3 was extracted using Promega DNA IQ kit via TECAN FREEDOM EVO 150. Quantitation: Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Human Quantification Kit via QS5. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using AMPFISTR Identifiler Plus Kit on 9700 GeneAmp PCR System. Item 2 and Item 4 were amplified using AMPFLSTR Y-Filer Kit on 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis for Identifiler Plus PCR products of Item 1, Item 2, Item 3 and Item 4 were carried out using Genetic Analyzer 3500xl. Electrophoresis for Yfiler PCR products of Item 2 and Item 4 were carried out using Genetic Analyzer 3130xl. Quality Control: Reagent blank, Positive Control and Negative Control were carried out through analysis and all gave intended results.
EFWEYY	Extraction: Item 1, Item 2 and Item 3 were extracted by Chelex extraction method. Item 4 was extracted using differential extraction method. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Human DNA Quantification Kit on QuantStudio 5 Real-Time PCR System. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using AMPFLSTR Identifiler Plus Kit on 9700 GeneAmp PCR System. Item 2 and Item 4 were amplified using AMPFLSTR Y-Filer Kit on 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis were carried out on Genetic Analyzer 3500xl for Item 1, Item 2, Item 3 and Item 4 (Identifiler Plus). Electrophoresis were carried out on Genetic Analyzer 3130xl for Item 2 and Item 4 (Y-filer). Quality Control: Reagent blank, Positive Control and Negative Control were carried out through analysis and all gave intended results.
EFYUJD	Item 4sp (Fusion) - possible n+4 stutter observed at genetic locus D8S1179 (peak labeled as a 16 @2.4%)
EJLWLX	The Identifiler and MiniFiler DNA test results obtained for item 3 and item 4 e and sp were concordant for each sample.
F2BRA6	The results reported for Items 3 and 4 were generated using probabilistic genotyping. All alleles deemed possible for any contributor are being reported. With probabilistic genotyping stutter alleles are considered as either allelic or stutter during the deconvolution of samples. This sometimes results in stutter peaks being reported as allelic. Per laboratory protocol the Y-STR markers (DYS391, DYS570 and DYS576) are not used for interpretation other than to determine if at least one male contributor is present. Therefore, for these loci all peaks above the analytical threshold, stutter or allelic, will be reported. Laboratory policy allows for analyst discretion, based upon training and experience, in the selection of screening tests being performed.

TABLE 8

WebCode	Additional Comments
FE3G9B	NR = No result
FEK9HV	Item 4 - The lab does not undertake mixture interpretation.
FEYGAP	One additional peak was obtained on the sperm fraction of item 4 at vWA. An 18 allele at 1002 rfu's was noted which was at 14.6% of the 19 allele peak height (6869 rfu's). Consistent with elevated stutter. Interpreted as single source with one additional peak indicating an additional donor or artifact.
FGMPG6	Reporting STRmix results with stutter filters on Item 4sp and 4 epi carryover
FJFE48	Item 4sp - elevated stutter (N-4) at D2S1338 at 15.2% (allowed 13.9%) (stutter allele = 25), elevated stutter (N-4) at vWA at 13% (allowed 11.2%) (stutter allele = 18). Item 4e (YSTR) - elevated stutter (N+4) at DYS570 at 4.1% (allowed 4%). Item 4sp (YSTR) - elevated stutter (N-4) at DYS549 at 13.1% (allowed 11%).
FMGM9H	Item 2 (Suspect known) - 26 allele at FGA noted to be elevated N-4 stutter. 26 was not included in interpretations. Item 4 - sperm fraction - 18 allele at vWA noted to be elevated N-4 stutter. Overall, sample was interpreted as a single source sample.
FWFH37	Item 2: D8 locus, 13 peak is elevated N+4 stutter from the 12 peak. Item 4e.2: D16 locus, 7 peak is pullup D2S1338 locus, 25 peak is elevated N-4 stutter from the 26 peak. vWA locus, 17 peak is elevated N+4 stutter from the 16 peak. vWA locus, 18 peak is elevated N-4 stutter from the 19 peak.
G24KCW	Autosomal STRs: The laboratory does not distinguish minor alleles as a probabilistic genotyping system is used and a stochastic threshold is not employed. Autosomal STRs/YSTRs: Blank spaces in the STR/YSTR Results tables indicate results were not obtained for those loci. Autosomal STRs: In item 4 alleles consistent with carryover from the sperm fraction were identified in the epithelial fraction. YSTRs: The male fraction for item 4 was not typed with YSTRs because the male fraction had a zero for the male quantification value. Mitochondrial DNA: Given the serology results for Item 4 (blood and semen positive), Item 4 was not processed for mitochondrial DNA due to the possible presence of a mixture in that sample. The laboratory does not interpret mixtures of mitochondrial DNA.
G4HEH3	The 25 allele reported at D2S1338 for Item 4sp is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software.
G4J6R7	The results reported for Items 3 and 4 (Ep/Sp) 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.
G68QBG	DYS385 was a partial profile for the F1 in sample 4a (Item 4). The second allele (11) was below laboratory's reporting threshold.
G79DYL	serology (blood testing) only performed, no DNA analysis
GAZB2D	1. Item 1 to Item 4 were extracted using Chelex method. 2. All of them were quantified using Quantifiler Human DNA Quantitation Kit on Real Time PCR 7500 System. 3. Amplification of STR genetic loci was carried out using the AmpFISTR Identifier Plus amplification kit. 4. Amplification of Y-STR genetic loci was carried out using AmpFISTR Y-File PCR amplification kit. 5. Electrophoresis was carried out using GA3500xl and analysed by GeneMapper ID-X software. 6. Reagent blank, positive control and negative control were inserted along with the analysis and all gave the expected result.
GN6FG7	Item 3- D5S818 n+4 stutter 1.9%. Item 2- DYS635 n+4 stutter 2.2%.

TABLE 8

WebCode	Additional Comments
GPWNF9	Did you perform a differential extraction of item 4? We did both. Under 4 (see page 6 of 11)[Table 2 STR Amplification Kit(s) & Results], the result is given of the non differential extraction. Under 4sp (see below), the result of the sperm fraction (as we only report this) is given. D1S1656: 16.3,17.3. D2S441: 14,15. D3S1358: 15,18. D8S1179: 13,15. D10S1248: 13,13. D12S391: 17,19. D16S539: 12,13. D18S51: 13,17. D21S11: 29,30. D22S1045: 14,15. Amelogenin: X,Y. FGA: 20,20. SE33: 27.2,27.2. TH01: 6,8. TPOX: 8,9. vWA: 16,19.
GUDHH7	Identifiler Plus results concordant with PowerPlex Fusion 6C DNA types. STRmix mixture ratio was 87:13 for sample 4e.
GV2D9E	Part I [Table 1]: Screening Tests - Due to my job description as a forensic technician, I am not expected to perform screening. Part II [Table 2]: DNA Analysis - Due to my job description as a forensic technician, I am only expected to deal with known reference samples. 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.
H876W7	Item 2 experienced drop out at DYS439.
HA2G7E	reporting results with stutter filters on
HBAAVR	Item 4 was not tested due to the presence of semen. The lab does not have protocols for mtDNA testing on semen containing stains.
HMPYX3	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.
HQQH7Q	Male screening only. Male screening was performed on Item 3 and Item 4 using the Plexor HY quantification kit. Information from the analysis was used to determine the presence of male DNA on Item 4. Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. A partial profile was obtained for the minor contributor in the epithelial cell fraction of Item 4 in this test. The majority of the called alleles in the minor contributor are within the stochastic region; therefore, dropout is occurring for one of the contributors.
J2NAYU	NR=No Results. **=attributed to possible stutter.
J7YXJ7	Only the knowns, item 1 and item 2, were processed for test No. 19-5701. As a forensic technician I am only required to process the reference samples of the test using the PowerPlex Fusion 5C and PowerPlex Y23 kits.
JAHD7X	The 29.2 allele reported at SE33 for Item 4 (e) is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software. The 25 allele reported at D2S1338 for Item 4 (sp) is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software. The 18 allele at vWA and the 25 allele at D2S1338 for Item 4 (substrate) are in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software.

TABLE 8

WebCode	Additional Comments
JBUM76	Elevated stutter was present in Item 2 DNA profile. 17 allele at vWA was 463 rfus (which is 12.2% stutter and our lab SOPs have a threshold of 11.2%). This allele was interpreted as elevated stutter and not included in the interpretation.
JHL9M3	Only serology performed. Samples retained with evidence.
JN3V2M	Locus D1S1656 results for Item 4-1F are 12, 15.3 [16.3], [17.3] -- not all is visible in box since box is too small. DNA interpretation based on nuclear, YSTRs and mtDNA. *Not Tested for Item 4 for mtDNA - semen containing sample so mtDNA testing not performed.
JRUQE9	C/T sequence heteroplasmy is present at position 16189 for Item 2 (Known blood from male suspect). A mixture of DNA was obtained from Item 4 (Questioned stain from victim's bedsheets). Mitochondrial DNA testing was not performed on this sample because it is laboratory policy not to conduct such testing on mixtures. 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. For Powerplex Fusion results, DYS391 is reported as INC per laboratory policy.
JTLUX9	reporting results with stutter filters on
JTB6XL	NR = NO RESULTS. ** = may be attributed to elevated stutter.
JYZPEJ	Serological testing by Forensic Biology analyst. DNA analyst performed KM testing only. Fusion 6C and Yfiler results concordant at DYS391. NR = no results.
K9GVNT	Alleles making up DNA profile components were interpreted and reported when they could be interpreted with greater than 0.99 probability using STRmix. This meant that some weak peaks were present on the EPGs but have not been reported as they were considered drop-in >1% of the time.
KE96XQ	After MiniFiler testing and Identifiler Plus testing of items 3 and 4, the DNA results obtained corresponded to the Identifier results, where results were available for comparison. Yfiler Plus testing was undertaken on the sperm and epithelial fraction of item 4 only. No interpretation has been undertaken on the Yfiler Plus results.
KGE3CM	Male screening only. Male screening was performed on the victim's shirt (item 3) and the victim's bedsheets (item 4) using the Plexor HY quantification kit. Information from the analysis was used to determine the presence of male DNA on the victim's bedsheets (item 4). Evidence profiles were interpreted using a probabilistic genotyping approach. STRmix software was used to aid interpretation, which includes biological modelling for forward and reverse stutter. Any allele included in a proposed, weighted genotype combination in the STRmix output was reported in the DNA Results tables of this form. This approach may result in at least one stutter peak being included in the DNA Results tables. A partial profile was obtained for the minor contributor in the epithelial cell fraction of item 4 in this test. The majority of the called alleles in the minor contributor are within the stochastic region; therefore, dropout is occurring for one of the contributors.
KQD694	*Item 4sp contains a 12 peak at genetic locus D8S1179 that is possible elevated stutter, n-4: 12.8%, or a possible true allele.
KQTFWB	Extraction: Chelex extraction method was used to extract DNA from Item 1, 2, 3 and 4. Quantification: DNA quantitation for Item 1, 2, 3 and 4 were carried out using the Quantifiler Human DNA Quantification kit with Applied Biosystem Real Time Polymerase Chain Reaction (PCR) 7500 system. Amplification: Amplification of STR (Short Tandem Repeat) genetic loci for Item 1, 2, 3 and 4 were carried out using the AmpFISTR Identifiler Plus PCR Amplification kit. Amplification of Y-STR (Y-Short Tandem Repeat) genetic loci for Item 2 and Item 4 were carried out using the AmpFISTR Y-filer PCR Amplification kit. Electrophoresis: Capillary electrophoresis for Item 1, 2, 3 and 4 were carried out using the Applied Biosystems 3500xl Genetic Analyzer with GeneMapper ID-X Software. Quality Control: Reagent blank, positive control and negative control were carried out throughout the analysis and all gave intended results.

TABLE 8

WebCode	Additional Comments
KW4EH3	Elevated stutter observed at D2S1338, 25 allele, sperm fraction of item 4. % stutter is 15.4%
L3NWB4	Item 4 sperm fraction - possible drop-in type (11) at D1S1656. Only 286 RFUs (analytical threshold is 250 and stochastic threshold is 900). Other 3 minor types could be elevated stutter and/or carryover from epithelial fraction.
L3QJU4	Item 1: 13 at D5 interpreted as +4 stutter (2.5%). Item 3: imbalance at D13 (47.1% PHR), 9 at CSF interpreted as -4 stutter (9.6%, 9.5% allowed), interpreted as single source. Item 4: Fraction 1 results are low level, with dropout at D22 and potential dropout at several loci.
L4CGR9	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 using AmpFLSTR Identifiler Plus and Yfiler PCR Amplification Kits on Applied Biosystems GeneAmp PCR System 9700. Electrophoresis: Electrophoresis was carried out on Applied Biosystems 3500XL Genetic Analyzer and the data were 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.
L8VEDD	This test was taken as a team approach. Analyst [Initials] performed the serological screening. Analyst [Initials] performed the extraction, quantification, amplification, and separation of the DNA samples. This test taker performed the DNA analysis, interpretation, statistical analysis, and report writing. Note: allele 15 at D3S1358, alleles 11 and 12 at Penta D, and allele 10 at D7S820 in the epithelial fraction of item 4 are possible artifacts. They are included in this submission per laboratory protocol.
L9ULWH	NR = NO INTERPRETABLE RESULT. ^ = ALLELE BELOW STOCHASTIC THRESHOLD.
LCUQHQ	Items 3 and 4 were PSA tested to determine how to process them. Item 3 PSA tested negative and was processed as a non-differential extraction. Item 4 PSA tested positive and was processed as a differential extraction.
LD89P3	item 4 ep: 14 at D8 and 23 at D12 labeled as possible n+4 stutter
LDAE6H	The results where obtained were concordant between PowerPlex Fusion 6C and Yfiler. NR = No Result. The DNA analyst performed KM testing. All other serological testing was completed by the Forensic Biology Unit.
LE2UKE	Elevated N-4 stutter (25 allele at 18.6% of 26 allele, 13.9% is maximum) at Fusion locus D2S1338 in sperm fraction of item 4. N + 4 stutter (11 allele at 2.6% of 10 allele) at Fusion locus D7S820 in sperm fraction of item 4. Elevated N-4 stutter (11 allele at 11.003% of 12 allele, 11% is maximum) at Y23 locus DYS533 in sperm fraction of item 4.
LMHWWN	Only qualified in biological screening and DNA analysis of Known reference standards.
LRH238	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.
LVB88J	Yfiler (YF) testing was performed for databasing purposes on the Item 2 known sample only.
MBRFYR	Analyst is authorized and competent in serology testing, but not in DNA analysis; therefore, only the serology portion of the test is to be completed.
MK2T9A	Item 3 had elevated stutter at CSF1PO. A called 11 peak was present at a 12.6% stutter height that was not filtered.
MKZWND	NR= No result

TABLE 8

WebCode	Additional Comments
MQC8AY	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.
MUCVUA	In item PT19-52-17ef2, a 17 allele was observed at the D3S1358 locus and a 25 at the D2S1338 that were interpreted as elevated stutter and were not included in the allele chart. A 20 was observed at the vWA locus that was interpreted as positive stutter and was not included in the allele chart for this item. A negative control associated with this case did not perform as expected. It did not affect the interpretation of the results.
N3C2RG	PEAK IMBALANCE OF 47% DETECTED AT MARKER D12S391 ON ITEM 4 SP.
N3JJVR	Per our laboratory's standard operating procedures, the additional typing obtained on Item 1-4aEF (D5S818 allele 13) and on Item 1-4aSF (Y GATA H4 allele 12) would be conservatively reported as possible minor alleles or artifacts such as elevated stutter. These additional typings would have no significant impact on my interpretations. The major/minor and predominant profiles obtained would be used for drawing conclusions and performing statistical analysis.
N6NK87	Item 4, Sperm Fraction: elevated n-4 stutter (14.93%) @ D2S1338
NALQGM	The known samples were not profiled and no interpretations were reported. Items 3 and 4 were profiled to confirm that correct results were obtained for the assigned analyst who is proficiency tested in the DNA extraction through quantitation of evidentiary samples. No major profile was obtained at D10S1248 for 4e.
NDW9Q7	DYS391 is reported as INC for all samples tested per lab policy. A mixture of DNA was obtained from Item 4, epithelial cell fraction. Any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons. 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.
NKKY8Y	Elevated stutter peaks were detected in item 3 at FGA (21 allele - n+4 at 2%) and item 4 epithelial fraction at D21S11 (31 allele - n+4 at 5.4%).
NMNUMV	Item 4 sperm carryover in Item 4 epi fraction
NPC4YH	Item 4 (sperm fraction) - 18 allele at vWA as possible n+4 stutter (6.4%) or drop-in
NTE62Z	Item 4 (SF): locus vWA has an 18 allele that is apparent backward stutter (12.8%, 11.2% lab threshold). Locus D5S818 has a 12 allele that is apparent forward stutter (1.8%).
NXRP72	*Item 4 ep: Allele 14 at D2S1338 is a possible artifact (drop-in peak). It was included in the STRMix run.
NZQC84	DYS391 is reported as INC per laboratory policy. C/T sequence heteroplasmy was present in the HVI region at position 16189 for Item 2. A mixture of DNA was obtained from Item 4, epithelial cell fraction. Any labeled peaks that are likely due to PCR/STR artifact were not reported and will not be used for conclusions or comparisons. 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.
PGH28C	All screening tests conducted by Forensic Biologist. KM testing also conducted by DNA Analyst. NR = No Result
PGUK6M	** = May be attributable to stutter. NR = No result.

TABLE 8

WebCode	Additional Comments
PZPK9Z	Locus D2S1338 of the sperm fraction of item 4 displayed elevated n-4 stutter (25 stutter allele from 26 allele) at 15% of the true peak.
Q3TVHA	No Y-STR DNA analysis performed on item 1. NR = No Results. No Y-STR DNA profile was obtained from item 3.
Q4PNKZ	The probabilistic genotyping software, STRmix, was used for DNA interpretation. All potential alleles considered during deconvolution have been reported.
Q7RBVX	Item 2 DYS393 not reported due to a baseline effect. Item 4 (sp fraction) exhibited drop out at DYS389i, DYS389ii, DYS458, DYS385, DYS391, DYS392, DYS448, however all Y loci typed in the "e" fraction.
Q82E82	Extraction: Item 1, Item 2 and Item 4 were extracted by Chelex extraction method and Item 3 was extracted using Promega DNA IQ kit via TECAN FREEDOM EVO 150. Quantification: Item 1, Item 2, Item 3 and Item 4 were quantified using Quantifiler Human Quantification Kit via QuantStudio 5. Amplification: Item 1, Item 2, Item 3 and Item 4 were amplified using AMPFLSTR Identifiler Plus on 9700 GeneAmp PCR System. Item 2 and Item 4 were amplified using AMPFLSTR Y-Filer Kit on 9700 GeneAmp PCR System. Electrophoresis: Electrophoresis were carried out on Genetic Analyzer 3500xl for Item 1, Item 2, Item 3 and Item 4 (Identifiler Plus). Electrophoresis were carried out on Genetic Analyzer 3130xl for item 2 and Item 4 (Yfiler). Quality Control: Reagent blank, Positive Control and Negative Control were carried out through analysis and all gave intended results.
QL282J	Per laboratory instructions only one of the fractions in a differential sample needed to be amplified for Y-STRs.
QLPWHY	The 25 allele reported at D2S1338 for Item 4 (sperm fraction) is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software.
QPYKUA	NR - No Result. Item 4-NSF: D2S1338 a (25) minor allele or elevated stutter was detected at 14.6% of the 26 peak (stutter threshold is 13%). No other indication of a 3rd contributor in this mixture. No interpretation of this minor peak.
QUH43P	The 14 allele reported at D8S1179 and the 29.2 allele reported at SE33 for Item 3 are in elevated stutter positions and were not filtered with the laboratory analysis software. Per laboratory protocol, they would be modeled as stutter versus true minor alleles using probabilistic genotyping software.
QUYRA7	Item 3 artifact noted at CSF1PO, interpreted as a single source. Item 4 F2 sperm fraction artifact noted at vWA, interpreted as a single source
QWHN2C	Identifiler Plus and Minifiler were performed on Item 3. Identifiler Plus and Minifiler data were concordant with PowerPlex Fusion at all overlapping loci. PowerPlex Fusion and YFiler were performed on Item 2. The allele calls at DYS391 were concordant for both kits. PowerPlex Fusion and YFiler were performed on Item 4. The allele calls at DYS391 were concordant for both kits.
RC6M6G	NT = Not Tested. NR = No Result.
RLFTC7	Reporting results with stutter filters on.
RMQVY6	reporting results with stutter filters on
RN9HY8	Part I [Table 1]: Screening tests were not performed because this testing is outside of the job description for a Forensic Technician. Part II [Table 2] (Add'l DNA & Mitochondrial DNA): These were not performed because this is outside of the job description of a Forensic Technician. Part III [Table 7] (DNA Interpretation): These were not performed because this testing is outside of the job description for a Forensic Technician.

TABLE 8

WebCode	Additional Comments
RNZPTJ	Items 3 and 4 were tested for PSA in order to determine what type of extraction that they would sent forward to. Item 3 was PSA negative, Item 4 was PSA positive.(Serology testing is not part of this proficiency test).
T38GBN	For the "sp" fraction of Item 4, the "17" at D3S1358 and the "13" at D13S317 were conservatively included and reported, but they didn't have a major impact on the overall interpretation of the results and the reported predominant profile. The "17" at D3S1358 and the "13" at D13S317 are potentially artifacts such as elevated stutter or potentially carryover from the "e" fraction.
T6AD2H	NR = No Result. Y-Screening protocol performed on Item 3. Alternate Large Volume Extraction performed on Items 1 and 2.
TFRWEM	Per laboratory interpretation guidelines, the STR "12" at D5S818 on item 4ASF and the Y-STR "12" at Y-GATA-H4 on item 4AEF were reported as possible additional types for which no conclusion could be drawn. These types may be possible minor alleles or DNA artifacts such as elevated stutter. These additional types were conservatively included in the lab report and on the CTS form, but ultimately had no significant effect on the overall interpretation of results.
UACEB7	An "NR" in the table of results indicate no typing results were obtained for the sample at that locus. Elevated N-4 stutter was observed at D2S1338 in sample 4 sp. This peak was only slightly above the lab's established N-4 stutter threshold and the profile as a whole appeared to be single source. Therefore, the N-4 stutter peak was not called as an allele.
UGYNQ2	Acid phosphatase test was inconclusive for item 4 due to fabric color.
UNHRX4	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.
VLCTXV	The 13 allele reported at D7S820 for Item 4, the 4e fraction, is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software. The 19 allele reported at D3S1358 for Item 4, the 4sp fraction, is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software. The 25 allele detected at D2S1338 for Item 4, substrate fraction, is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software.
VP2ZU4	Peaks not considered for comparison due to possible artifact interference: Item 4 e = 15 at D3S1358, 11 and 12 at Penta D, 10 at D7S820. Item 4 sp = 12 at D19S433.
VPB8LK	Reporting results with stutter filters on. Mito and Y-STR testing not done in this laboratory.
VQYDEB	The 25 allele detected at D2S1338 for the sperm fraction of item 4 in GlobalFiler is an indeterminate possible allele (IPA) and could be an elevated artifact or a possible minor allele.
VUZ4DB	reporting results with stutter filters on
VYUXBC	Only serological testing performed at this time. All relevant samples have been retained by the [City] Police Department as required by the Annotated Code of [State]. This report contains conclusions based on the interpretation and opinions of the below signed author. [Identifying information removed for anonymity purposes.] This test is accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-National Accreditation Board.
W2DH8R	Female fraction of item 4 was a mixture of the victim and unknown male not matching item 2 (suspect)
W9G2RG	Reporting results with stutter filters on. Y-STR DNA testing and mtDNA testing are not performed at this lab.

TABLE 8

WebCode	Additional Comments
WEAYJT	NOTE: Differential extraction was performed on Item 4 but Y-STR analysis was done for only the sperm/substrate fraction. As such, data for the epithelial fraction is not reported. Note: In Q2E, unable to separate major from minor as per lab protocol at the following loci: D2S441, D19S433, TH01, D5S818, D13S317, SE33, D2S1338. No additional DNA analysis conducted. No DNA results for additional DNA tab.
WN432M	The following peaks not considered for comparison due to possible artifacts interference (combination stutter): Item 4 e = 15 at D3S1358; 12 at Penta D; 14 at D19S433. Item 4 sp = 18 at vWA.
WN8PFF	PSA testing was performed on Items 3 and 4 to determine whether the questioned samples needed to be processed as differential or non-differential extractions. PSA testing was negative for Item 3 and positive for Item 4.
WUXNLW	Stutter observed in item 4 sperm fraction at D2S1338 (25) and vWA (18).
WYQXLW	reporting results with stutter filters on
WZ6XPP	I used probabilistic genotyping (STRmix) for the non-sperm fraction of item 4, mixture proportions: 83%:17%.
X2PMD4	NR = no result
X3QGB2	NR: tested, no results obtained
X4W6BY	Did not used the following alleles for interpretation due to possible artifact interference for Item 4 non-sperm fraction: D3S1358 - 15 and 18, D13S317 - 12, Penta D - 12, vWA - 19.
X7PR82	Y-STR analysis was not performed on sample 1 and sample 3 because no male DNA was detected using Quantifiler Trio.
XCEZFE	Y-STR processing performed on items 2 and 4. Y screening performed on item 3. Alternate Large Volume extraction performed on sample 1. No Y-STR interpretation on these samples.
XEKYL2	Item 2: 12 artifact@D18S51; >25,000RFU@D8S1179; >25,000RFU@D19S433. Item 4 fraction 2: elevated N-4 stutter (12.8%)typed as 18@vWA.
XG4RLH	The mitochondrial DNA (mtDNA) sequence obtained from item 4 indicates the presence of a mixture of mtDNA from more than one individual. Because mixtures of mtDNA are not interpretable, no comparisons can be performed using item 4.
XH4UNT	Item 4.1 Y-STR haplotype exhibited 11.57% n-4 elevated stutter at locus DYS549 (11% allowed). Item 4.2 Y-STR haplotype exhibited 14.27% n-4 elevated stutter at locus DYS549 (11% allowed).
XHZAWJ	Item 4 (s)= D1SS1656 an 11 allele was reported above analytical threshold that is not consistent in the other fraction and does not appear to belong to the major contributor based on RFUs. D16S539 an 11 allele was reported above analytical threshold that is not consistent with the other fraction and does not appear to belong to the major contributor based on RFUs. Located in stutter position at 10.6%, but unable to call stutter because overall profile is being reported as a mixture. Additional alleles detected may be carryover from other fraction. DYS439- possible elevated stutter called as an 11 allele (13.9%).
XLPWQD	NR = Not reportable

TABLE 8

WebCode	Additional Comments
XTK44R	The 25 allele reported at D2S1338 for Item 4 (sp) is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software. The 16 allele at D8S1179 for Item 4 (substrate) is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software. The 8.3 allele at DYS391 for Item 4 (substrate) was not filtered with the laboratory analysis software. Per laboratory protocol, it would be considered as drop-in and be reported as additional genetic data that could not be conclusively interpreted.
XVB7AF	This lab does not perform Y-STR or mito testing. Reporting results with stutter filters on.
YYYY8F	Comments regarding item 4: Y-analysis was only performed for the sperm fraction.
Y8UCEE	NR = no result. ** = possibly elevated stutter. Reporting results for Item 4.2, the following differences were seen between 4.1 EF & 4.2 EF: vWA has an 18 allele in 4.1. D8 has a 10 allele in 4.2. D2S1338 has 16 & 26 minor alleles in 4.1, alleles present in 4.2 but not minor.
Y97N4Q	Item 2 - 22 @ D2S1338 is 15.1% n-4 elevated stutter. Item 4 (sp) - 11 @ D16S539 is possible 11.6% n-4 elevated stutter. Item 4 (sp) - 25 @ D2S1338 is possible 15.3% n-4 elevated stutter. Item 4 (sp) - 17 @ vWA is possible 2.3% n+4 stutter. Item 4 (sp) - 33.2 @ FGA is crossed off due to it being pull-up from the peak at D5S818 (28,455 RFUs).
Y9XTZT	NR = no result
YCRBY Y	reporting results with stutter filers on
YFANJM	Item 3 - D5S818 (13) n+4 stutter @ 1.9%
YFPA7N	The 14 allele reported at D16S539 for Item 4 sp is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software.
YKFH3W	Analyst is only authorized for serological reporting, so serology results only are reported.
YUDB74	Part 2 [Table 2: STR Amplification Kit(s) & Results]: NR = no results. Part 1 [Table 1: Serology Screening Results]: Semen testing performed by a member of the Forensic Biology unit.
YXUA7X	NR= No Result. Technician only proficiency, no interpretation required.
ZJ8UQH	The "25" allele reported at D2S1338 for the sperm fraction of Item 4 is in an elevated stutter position and was not filtered with the laboratory analysis software. Per laboratory protocol, it would be modeled as stutter versus a true minor allele using probabilistic genotyping software.
ZLCUW4	item 4sp Autosomal- *Y chromosome just below analytical threshold. *14 at D8S1179 - possible elevated N+4/N-4 stutter. item 4sp YSTR- *types below analytical threshold at DYS576, DYS389 I, DYS389 II, DYS533, and additional allele below analytical threshold at DYS385.
ZLPQYN	In item 4e (4e.1), an elevated baseline peak was observed at D21S11 that was not included in the CTS allele table. The 18 allele observed at D12S391 is a possible drop in peak or additional contributor, and was included in the CTS allele table. The 14 allele observed at D8S1179 is a possible n+4 stutter peak, and was included in the CTS allele table. In item 4sp (4e.2), probable elevated n -4 stutter peaks were observed at D2S1338 and vWA and a probable n+4 stutter peak was observed at D5S818 that were not included in the CTS allele table.
ZLZHDK	After Minifiler testing and Identifiler Plus testing of items 3 and 4, the DNA results obtained corresponded to the Identifiler results, where results were available for comparison. YFiler Plus testing was undertaken on item 4epithelial and 4sperm fractions only. No interpretation has been undertaken of these YFiler Plus results.

TABLE 8

WebCode	Additional Comments
ZWWPA4	KM testing was performed by the DNA Analyst. All other screening tests were performed by an Analyst from the Forensic Biology Unit. NR = No results.
ZX3QVG	In the sperm fraction of Item 4, four potential trace contributor types were observed. Two of those types are consistent with the female donor from the epithelial fraction of Item 4 (17 at D3 and 12 at D19). One of these potential trace contributor types is the 11 at D16, but this type could be possible elevated stutter (10.6%, with a stutter threshold of 10.2%). The 11 at D1 is a possible drop-in event, as it barely exceeds the analytical threshold. Elevated stutter was observed DYS439 for the sperm fraction of Item 4. An 11 allele was observed at 13.3%, with a threshold of 11%. No other indication of a mixture was observed.
ZXT2RP	Item B1-4, sp/sub fraction - Unable to separate major/minor at: TPOX, D2S441, D5S818, D7S820, D10S1248, D1S1656, and D12S391. Item B1-4, epi fraction - Unable to separate major/minor at: D2S441, D19S433, D5S818, D13S317, and SE33.
ZZWCRT	An additional DNA type (13) was detected at CSF1PO from the epithelial fraction of item 4 that is not attributed to the victim or the unidentified male donor in the sperm fraction; this allele appears to be N+4 stutter from the 12 allele as there are no indications of a third donor. An additional type (25) was detected at D2S1338 from the sperm fraction of item 4, this allele is N-4 stutter from the 26 and is not an indication of a second donor.

-End of Report-
(Appendix may follow)

Collaborative Testing Services ~ Forensic Testing Program

Test No. 19-5701: Forensic Biology

DATA MUST BE SUBMITTED BY **March 4, 2019, 11:59 p.m.** TO BE INCLUDED IN THE REPORT

Participant Code: U1234D

WebCode: TL3ZBG

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

Scenario:

Police are investigating a possible sexual assault of a female victim. The victim claims that she went out to a bar for drinks with friends. The victim was unable to remember anything after accepting a drink from a male friend at the bar. The victim awoke at home in bed in the morning next to this male friend. Investigators are submitting a stain from a shirt (Item 3) the victim was wearing and a stain from the bedsheets (Item 4) on the victim's bed. 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 victim's shirt (yellow)

Item 4: Questioned stain from victim's bedsheets (blue)

Part I: SCREENING TESTS

Note: Laboratories submitting their results for ASCLD/LAB or NATA accreditation **MUST** identify any screening tests performed and report the test results.

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

Please use the abbreviations listed in this response key to fill in the Screening Test tables on this tab. This is not an all inclusive list of tests, and should not be used to determine what tests should be performed.

TESTS NOT ON THIS LIST MAY BE USED FOR SCREENING.

Test	Abbreviation	Test	Abbreviation
Acid Phosphatase	AP	Alternate Light Source	ALS
Kastle Meyer	KM	Leucomalachite Green	LMG
Microscopic	Micro	Ortho-tolidine	O-tol
Phenolphthalein-Tetramethyl benzidine	PTMB	Prostate Specific Antigen	PSA
Rapid Stain Identification	RSID	Tetramethyl benzidine	TMB

Example:	<u>Positive</u>	<u>Negative</u>	<u>Inconclusive</u>	<u>Not Tested</u>	<u>Test(s) Performed</u>
Blood	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	KM, O-tol, PTMB
Semen	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	PSA
Saliva	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Other Specified Body Fluid	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

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

Item 3:

	<u>Positive</u>	<u>Negative</u>	<u>Inconclusive</u>	<u>Not Tested</u>	<u>Test(s) Performed</u>
Blood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Semen	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Saliva	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Other: <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>

Item 4:

	<u>Positive</u>	<u>Negative</u>	<u>Inconclusive</u>	<u>Not Tested</u>	<u>Test(s) Performed</u>
Blood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Semen	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Saliva	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>
Other: <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="text"/>

Part II (continued): DNA Analysis - Mitochondrial DNA

- Report the range of bases sequenced for each Item tested in the appropriate box.
- List the base pair values and the associated deviations from the standard Anderson sequence in the designated boxes below each Item number.
- Click "Add Row" to show another row of boxes for entry.

HVR I	Item 1	Item 2	Item 3	Item 4
Bases Sequenced:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

HVR II	Item 1	Item 2	Item 3	Item 4
Bases Sequenced:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev	Base Pair - Dev
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deviations:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Part III: DNA INTERPRETATION

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

		<u>Victim (Item 1).</u>		<u>Suspect (Item 2).</u>		
		Item 3	Item 4	Item 3	Item 4	
Yes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Yes	<input type="radio"/>	<input type="radio"/>
No	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	No	<input type="radio"/>	<input type="radio"/>
Inconclusive	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Inconclusive	<input type="radio"/>	<input type="radio"/>
No Interpretation	<input type="radio"/>	<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.

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)